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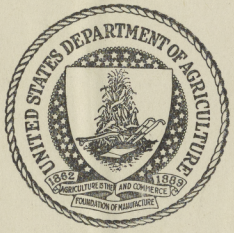

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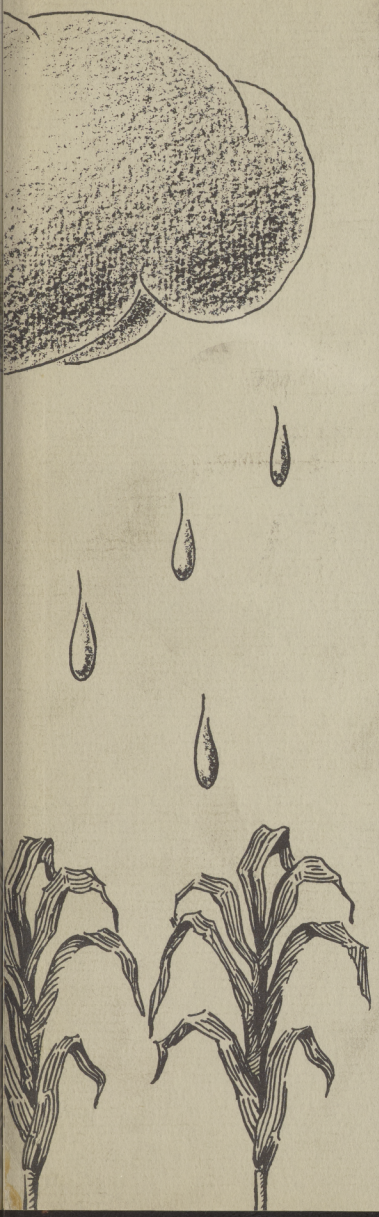

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CROP YIELDS AND WEATHER

By LOUIS H. BEAN
Head Agricultural Economist
BUREAU OF AGRICULTURAL ECONOMICS

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no. 471

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics
Agricultural Marketing Service
and
UNITED STATES DEPARTMENT OF COMMERCE
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MISCELLANEOUS PUBLICATION NO. 471
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Acknowledgments

This publication represents the joint interest of the Weather Bureau, the Agricultural Marketing Service, and the Bureau of Agricultural Economics, in promoting extensive research in the relation between weather and crops and in methods of long-range forecasting of weather and crop fluctuations. The weather data that constitute a substantial part of this publication are derived from the official records of the Weather Bureau, the computations having been made by the Agricultural Marketing Service. The graphic presentation of the weather data in the form of maps was done under the direction of R. G. Hainsworth, in charge of the graphic work of the Bureau of Agricultural Economics. The crop-yield data were supplied by the Agricultural Marketing Service from the official records. In the preparation of the introduction to these statistics, the author has had the benefit of helpful perusal by F. W. Reichelderfer, Chief of the Weather Bureau, now in the United States Department of Commerce; and W. F. Callander, Chairman of the Crop Reporting Board; Gove Hambidge, Editor of the 1941 Yearbook of Agriculture, called Climate and Man; and C. F. Sarle, then Director of the Division of Economics in the Commodity Credit Corporation, United States Department of Agriculture. The author assumes responsibility for the preliminary investigations reported in the introduction and for the suggestions for further investigations contained therein.

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INTRODUCTION

Material in this publication has been brought together to serve the convenience of all those who have occasion to study or refer to monthly weather data in relation to crop yields per acre. Moreover, it is hoped that the long-time records of monthly rainfall and temperature, by States, published here alongside the annual data on crop yields per acre by States, will stimulate research workers to try their hands at discovering significant characteristics in these weather and crop records, and relationships between them.

Discovery of useful relationships between weather and crops may call for a great deal more detailed data than are given here. Weekly or daily records may be necessary, as well as data on aspects of weather other than rainfall and temperature. Nevertheless the material published here probably will be of service to patient students of weather and crop fluctuations while they are waiting for meteorological research to produce long-range weather forecasts. Such long-time records may be of considerable assistance in forming judgments as to the significance of current weather changes, as possibly indicating later weather changes and crop prospects.

At present, scientific research in long-range weather forecasting is proceeding cautiously, enlarging our understanding of the factors which control weather changes from day to day and from week to week. A cursory examination of some of the long-time weather and crop records in this publication suggests that long-range weather and crop forecasting from season to season would be a closer reality if meteorologists could explain certain patterns in weather and crop changes that tend to be repeated from one year to the next or from one decade to the next as phenomena outside the realm of chance. If such explanations were available, weather and crops could be forecast at least about a year in advance and possibly even about 10 years in advance.

Crop yields per acre by States are available, of course, in various forms in current publications of the United States Department of Agriculture, and so are the monthly data of temperature and rainfall by States. But these two sets of basic material are not available in the compact form in which they are presented here. The Weather Bureau has supplied its compilations of monthly precipitation as percentages of normal by States from 1886 to 1939. These records, constituting the first set of data, are shown here in a series of monthly maps of the United States which have been shaded so as to make evident, at a glance, the shifts in the areas of surplus or deficit precipitation, as well as the areas of normal precipitation. Actual percentages for each of the States are also entered on these maps.

The second set of data, consisting of monthly departures from normal of both temperature and rainfall, had to be computed from the published records of the Weather Bureau as they were not available in this form. The actual monthly averages can readily be obtained by adding these departures to the "normals" or long-time averages given at the end of each table.

The third set of data consists of the latest estimates of crop yields per acre taken from the records of the Division of Agricultural Statistics of the Agricultural Marketing Service.

Long-time records such as these offer many interesting possibilities to the adventurous research student. He may try to find the relation of monthly weather data for the growing season to final yields per acre. He may do this for the entire period of the record; or he may do it for groups of years, in which case the results of one period may be checked against the findings for other periods. He may try to discover combinations of weather data for months preceding the growing season that may give early clews as to weather combinations during the growing season. Having discovered the months during which these monthly weather data have a significant relation to crop yields, he may then try to find certain characteristics of the weather records that may give clews for long-range anticipations. The weather records contain consistent patterns of behavior that demand explanations from meteorologists who are interested in long-range weather forecasting.

The pattern of temperature or rainfall fluctuations over a period of several months which occurs in a given year, may reproduce with great similarity the monthly patterns of earlier years at regular or irregular intervals. What are the meteorological factors that produce these sequences and what causes their termination? There are patterns in weather fluctuations that embrace several years and reproduce, in amazing similarity, the fluctuations of earlier periods of years at regular or irregular intervals. What meteorological factors are responsible for such long-period repetitions? Some of these characteristics have been observed before and some persons have even tried to rely on repetitions as a basis for forecasting, in spite of the fact that sooner or later such parallel sequences cease.

The monthly weather data for any one State in a record of 60 or 70 years may reveal a multitude of patterns, of course, and a pattern may be expected to show up at random at any point in the record. There is, however, a tendency for some of these weather variations of several months' duration to be repeated not at random but about a year later and sometimes about 10 years later. The tendency seems sufficiently persistent to warrant a systematic analysis on the part of students who have adequate statistical training in tests of statistical significance, and can devise measures appropriate for these problems.

Former Secretary of Agriculture, Henry A. Wallace, in approving research projects in long-range weather and crop forecasting, indicated "that if there is one chance in a hundred of discovering anything useful, the effort is worth making, for agriculture, business, and the whole Nation would gain thereby." It is therefore hoped that there may be a few who will resist the natural tendency to brush these patterns aside as nothing more than chance occurrences and will undertake a serious statistical examination and appraisal of them.

For examples of some of these patterns and their tendency to repeat themselves about a year later, we may turn to the

rainfall record for any one of the 48 States. Take, for instance, the South Dakota record. If the monthly data are plotted so that monthly comparisons in successive years may be taken in at a glance, attention would be drawn to a peculiar pattern of rainfall for the year 1927. In the first 8 months the monthly rainfall departures from normal are:

SOUTH DAKOTA.—*Rainfall departures from normal*

1927	Inches	1927	Inches
January	−0. 23	May	+2. 34
February	− . 25	June	− . 60
March	+ . 13	July	+ . 35
April	+2. 29	August	+ . 16

The outstanding feature here is the abundant rainfall in the 2 months of April and May, with close-to-normal rainfall in the other 6 months. This, of course, may be a chance distribution, but no other pattern of that sort is to be found in the entire 50-year record (1890–1940) except one. That exception is the record for the next year, 1928, as follows:

SOUTH DAKOTA.—*Rainfall departures from normal*

1928	Inches	1928	Inches
January	−0. 34	May	−1. 35
February	+ . 05	June	+ . 72
March	− . 33	July	+ . 40
April	−1. 19	August	+ . 42

Here, too, the outstanding feature is the abnormal departure for both April and May, with relatively normal rainfall in the other months. In this case, however, the departures for April–May 1928 are the opposite of those for April–May 1927. This "inverse" correspondence in the pattern for these 2 years may be brought out even more clearly if month-to-month changes in the foregoing rainfall departures are compared thus:

SOUTH DAKOTA.—*Month-to-month changes in rainfall departures*

1927	Inches	1928	Inches
February	−0. 02	February	+0. 29
March	+ . 38	March	− . 28
April	+2. 16	April	− . 86
May	− . 05	May	− . 16
June	−2. 94	June	+2. 07
July	+ . 95	July	− . 32
August	− . 19	August	+ . 02

This high degree of correspondence between monthly changes in 2 consecutive years would not be so interesting if this were the only case, but actually there are many more cases of repetition over 2-year intervals. In some cases the correspondence persisted for a few months, in others for a longer period. In some cases, the repetition is direct or "positive." The years 1929 and 1930 illustrate such a case of direct or positive correspondence in patterns lasting for as many as 12 months. The record of departures for these 2 years is as follows:

SOUTH DAKOTA.—*Rainfall departures from normal*

1929	Inches	1930	Inches
January	+0. 36	January	−0. 05
February	+ . 09	February	+ . 19
March	+ . 75	March	− . 54
April	+ . 37	April	+ . 17
May	− . 23	May	− . 05
June	−1. 23	June	− . 88
July	− . 07	July	−1. 47
August	− . 77	August	+ . 70
September	+1. 53	September	− . 37
October	+1. 23	October	+1. 04
November	+ . 02	November	+ . 57
December	− . 30	December	− . 36

The outstanding feature in this 2-year record is a high degree of correspondence in the direction of change as shown by the fact that the departures in 8 of the 12 months of 1929 were repeated in the same months in 1930. In 7 months of 1929 rainfall exceeded normal, and in 4 of these 7 months rainfall was also above normal in 1930. Similarly, there were 5 months in 1929 with less than normal rainfall, and in 4 of these months rainfall was also subnormal in 1930.

Closer scrutiny of this 2-year record reveals another interesting fact—the greatest departures from normal in 1929 (−1.23 in June and +1.53 in September) were followed in 1930 by greatest departures not in the corresponding months but 1 month later than the corresponding months (−1.47 in July and +1.04 in October). This repetition of the 1929 pattern 13 months later can be shown again most clearly by the month-to-month changes for the 2 years:

SOUTH DAKOTA.—*Month-to-month changes in rainfall departures (13-month lag)*

1929	Inches	1930	Inches
January	+0. 73	February	+0. 24
February	− . 27	March	− . 73
March	+ . 66	April	+ . 71
April	− . 38	May	− . 22
May	− . 60	June	− . 83
June	−1. 00	July	− . 59
July	+1. 16	August	+2. 17
August	− . 70	September	−1. 07
September	+2. 30	October	+1. 41
October	− . 30	November	− . 47
November	−1. 21	December	− . 93

Here the month-to-month changes for the period January–November 1929 were repeated most strikingly 13 months later, February–December 1930, with exact correspondence in direction of change. The 4 months of increased rainfall (adjusted for normal) in 1929 correspond with the 4 months of increased rainfall 13 months later in 1930, and the 7 months of declining rainfall correspond with the 7 months of declining rainfall 13 months later in 1930.

Perusal of the North Dakota rainfall record also reveals a striking pattern in 1928, in which the departures for the 3 months June, July, and August are substantially above normal. Almost the identical pattern shows up 12 months later in 1929, with the departures for the same months of June, July, and August substantially below normal. Another pattern roughly similar to that of 1928 appears for the year 1915, and in this case it is repeated 13 months later in 1916.

A markedly different pattern in rainfall in North Dakota may be noted for 1894. It is unique in the entire record from 1893 to 1940, but it is again found repeated with a remarkable degree of similarity in 1895 in "inverse." In this case the repetition appears 11 months later.

NORTH DAKOTA.—*Month-to-month changes in rainfall departures from normal*

1894	Inches	1895	Inches
February	−0. 15	January	+0. 28
March	+ . 93	February	− . 18
April	+ . 92	March	− . 49
May	−2. 40	April	+1. 40
June	+ . 82	May	− . 63
July	−1. 83	June	+1. 08
August	+ . 94	July	− . 79
September	+ . 73	August	− . 90
October	+ . 78	September	− . 31

One more set of patterns from a different part of the country will suffice to emphasize the fact of year-to-year repetitions in abnormal weather fluctuations. Turning to the record for North Carolina, a number of striking cases are found from which three are selected—those of 1891, 1898, and 1909. In each case a repetition is found in the next year—12 or 13 months later. In 1891 there is a 7-month pattern which shows up inversely in the corresponding months of February–August 1892. An 8-month pattern in 1898 also shows up inversely in 1899, but after a 13-month interval.

NORTH CAROLINA.—*Month-to-month changes in rainfall departures from normal*

1898	Inches	1899	Inches
March	+2. 87	April	−2. 89
April	+ . 26	May	− . 68
May	− . 45	June	+ . 11
June	− . 91	July	+1. 22
July	+2. 35	August	−1. 93
August	+1. 36	September	+ . 01
September	−2. 17	October	+2. 30
October	+2. 81	November	−2. 07

NORTH CAROLINA.—*Month-to-month changes in rainfall departures from normal*

1909	Inches	1910	Inches
February	+1. 73	February	+0. 69
March	− . 97	March	−2. 70
April	+1. 39	April	+2. 22
May	+ . 76	May	+1. 28
June	+1. 93	June	+1. 77
July	−3. 42	July	−3. 54
August	+ . 49	August	+2. 61
September	−1. 32	September	−2. 78

The 8-month pattern of 1909 differs from the one in 1898 not only in its month-to-month changes, but also in the fact that the repetition in the following year is positive, not inverse.

These and other illustrations that are abundant throughout the records suggest that such repetitions of weather fluctuations are not mere chance and that a more thorough knowledge of their characteristics would stimulate the search for the underlying causes. What seems to be needed is a thorough systematic examination of (1) the kinds of patterns that tend to be repeated, (2) the regularity of their appearance, (3) the tendency of patterns to appear in inverse or positive form, (4) the tendency for year-to-year repetitions to appear after a lag of 11 to 13 months, or 9 to 11 years, or some shorter or longer interval, and (5) the tendency for a positive or inverse parallel during the first half of 2 consecutive years to be followed by an inverse or positive one during the last half. In tracing down the points where 2-year parallels in patterns cease or change from inverse to positive, it may be necessary to deal with weekly or daily, rather than monthly, data.

For the suggestion that there are repetitions in weather patterns that persist between one decade and another, between alternate decades, or even longer intervals, resort is made to a few examples drawn from the records of crop yields per acre.

One set of examples of crop-yield patterns may be illustrated in the case of yields of cotton. Take the record of cotton yields for the United States as a whole for the 20-year period from 1870 to 1890 and note that the year-to-year changes in the decade of the 1880's were a very close reproduction of the year-to-year changes during the 1870's.

The changes in the yield of cotton per acre in any year of the 1870's may be said to have "forecast" the change in yields of cotton per acre 10 years later.

Year-to-year changes in United States cotton yields per acre, 1870–90

Year	Pounds	Year	Pounds
1870	+53	1880	+10
1871	−49	1881	−42
1872	+23	1882	+60
1873	−14	1883	−47
1874	−11	1884	− 7
1875	+24	1885	+15
1876	−13	1886	− 6
1877	+ 2	1887	+11
1878	− 3	1888	− 5
1879	+14	1889	+ 7
1880	+10	1890	+19

Let us take another example from the same record. The year-to-year changes in the average cotton yield per acre in the United States for the years 1916–27 were repeated 10 years later during the period 1926–37 with a very high degree of similarity, but unlike the repetition of the 1880's this one is an inverse repetition. A year-to-year increase in the 12-year period 1916–27 was followed 10 years later by a year-to-year decrease in the period 1926–37, except in three cases. It may be of interest to record that on the assumption that the inverse parallel might continue for another year, we were able in December 1936 to suspect a record yield per acre for 1937.

Year-to-year changes in United States cotton yields per acre, 1916–37

Year	Pounds	Year	Pounds
1916	−13	1926	+19
1917	+ 2	1927	−31
1918	− 3	1928	+ 2
1919	+ 2	1929	+ 1
1920	+21	1930	− 7
1921	−54	1931	+54
1922	+16	1932	−38
1923	−12	1933	+39
1924	+29	1934	−41
1925	+ 9	1935	+13
1926	+19	1936	+14
1927	−31	1937	+70

Are these repetitions, which persist over decades, merely chance repetitions that may be found in any random series? Are they related to discoverable meteorological factors? Why do the year-to-year fluctuations in cotton yields of the period 1926–37 correlate inversely with those of the period 1916–27 when in other periods such as the 1880's the correlation with the fluctuations of the preceding decade was positive? Was there a comparable shift in the patterns of weather fluctuations and in the factors that lie behind these long-time weather fluctuations?

The record of cotton yields per acre reveals still another type of persistence in patterns of yearly yield variations. It is one that was used as a basis for suspecting, nearly a year in advance, that the yields per acre in 1938 and 1939 following the record yield of 1937 might not return to normal and that they might be the second largest on record in each of those 2 years.

Normally, record crop yields tend to be followed by reductions toward normal. This is clearly indicated in the following record where sharp reductions of 29 to 54 pounds per acre are shown to have taken place in years following large crop yields. In 1937, as a result of very favorable weather, yields jumped during the final months of the growing season to a record yield of 270 pounds, or 47 pounds in excess of the previous record. The fact that in the past reductions following record yields averaged between 29 and 54 pounds was one basis for expecting, nearly a year in advance, that the 1938 yields per acre might not return to normal and might not be less than the previous record of 223 pounds. The final yield for 1938 showed a reduction of 34 pounds in line with the usual pattern, and averaged 13 pounds above the pre-1937 record.

Changes in United States cotton yields per acre in years following record or near-record crops, 1870–1937

Year of large yield	First year following year of large yield (pounds)	Second year following year of large yield (pounds)	Third year following year of large yield (pounds)
1870	−49	+23	−14
1880	−42	+60	−47
1891	−30	+ 7	+44
1894	−47	+ 3	+34
1898	−38	+10	−26
1904	−31	+20	−29
1906	−29	+31	−47
1908	−47	+20	+39
1914	−38	−13	+ 2
1920	−54	+16	−12
1926	−31	+ 2	+ 1
1931	−38	+39	−41
1933	−41	+13	+14
1937	−34	+ 2	+15

The normal expectation for the 1939 cotton crop was a continuation of the decline in yields per acre, for the 1938 yield was the second largest on record. But the pattern of yields shown in the foregoing record suggested that on the basis of the 13 cases shown there, the chances were 12 out of 13 against a further reduction, that yields per acre in 1939 might average no lower than in 1938 and might even average higher. The 1939 yield per acre actually averaged 2 pounds above the 1938 yield which was the second largest on record.

The 10-year feature in the annual cotton yields per acre will also be found in the condition of the crop during the growing season. For example, marked changes in weather over the Cotton Belt after August 1 may affect the outturn of the crop favorably or unfavorably. The effect of such changes in weather may be seen in the difference between the offcial estimate of the yield per acre as of August 1 and the figure for the final yield. It will be found that these differences due to post-August 1 weather for the 1930's correlate inversely

with the similar differences for the corresponding years in the 1920's. Thus, here is one corroboration of the fact that the repetition of the cotton-yield fluctuations of the 1920's in the decade of the 1930's is basically related to a similar inverse repetition of the weather fluctuations of the 1920's in the 1930's.

In addition to the facts pointed to in the case of cotton, there are other tantalizing and interesting records of crop yields in other regions. Two examples in wheat will illustrate. One is the peculiar parallel in the record of the June 1 condition of winter wheat which we first observed in 1935. The year-to-year changes during the period 1920–31 were repeated with a fairly high degree of similarity 9 years later during the period 1929–40. On the basis of this 9-year lag and by allowing for the fact that the year-to-year fluctuations in the early 1930's were greater than the corresponding changes in the 1920's, it was possible to anticipate rather accurately a year in advance the June 1 condition for each of the 6 years 1935–40.

Year-to-year changes in the United States June 1 condition of winter wheat, 1921–1940

Year	Percent	Year	Percent
1921	− 0.3	1930	− 7.9
1922	+ 2.0	1931	+12.6
1923	− 5.6	1932	−19.6
1924	− 2.3	1933	− .7
1925	− 7.5	1934	− 8.7
1926	+10.0	1935	+18.9
1927	− 4.3	1936	− 7.5
1928	+ 1.4	1937	+ 4.8
1929	+ 6.0	1938	+ 9.5
1930	− 7.9	1939	−13.0
1931	+12.6	1940	+ 5.0

The other wheat illustration has to do with yields per acre in South Dakota. This record reveals a pattern of variations during the period 1889–1900 repeated 9 years later during the period 1898–1909. It reveals another pattern 21 years later for the period 1919–31, which is repeated again with a 9-year lag during the period 1928–40.

South Dakota.—*Year-to-year changes in wheat yields per acre, in bushels*

PERIOD 1				PERIOD 2			
Year	Percent	Year	Percent	Year	Percent	Year	Percent
1890	+1.2	1899	−2.0	1920	+1.1	1929	−0.7
1891	+7.0	1900	−4.0	1921	− .1	1930	+1.9
1892	−3.0	1901	+3.5	1922	+4.6	1931	−5.6
1893	−3.5	1902	+2.5	1923	−4.2	1932	+7.5
1894	−2.0	1903	+1.5	1924	+5.2	1933	−9.2
1895	+5.5	1904	−5.5	1925	−2.9	1934	+ .3
1896	−1.0	1905	+5.0	1926	−5.2	1935	+3.5
1897	−3.0	1906	0	1927	+8.9	1936	−3.0
1898	+4.5	1907	−2.0	1928	−4.5	1937	+.5
1899	−2.0	1908	+1.5	1929	−0.7	1938	+3.5
1900	−4.0	1909	+1.6	1930	+1.9	1939	− .4
				1931	−5.6	1940	+1.0

Other illustrations of this general type could be pointed out, such as the wheat yields per acre in Montana in the 1920's also repeated 9 years later in the 1930's. But the foregoing records should suffice as preliminary evidence of the existence of patterns of yield variations over a period of several years that tend to be repeated 9 to perhaps 11 years later and that undoubtedly are caused by combinations of weather factors that also tend to take on pattern variations over several seasons, to be repeated 9 to 11 years later. The individual patterns in yearly yields and in seasonal weather may embrace 3 or 4 years or as many as 10, and possibly more. Just as in the case of monthly weather patterns, they may embrace several months or a full year or more. These longer patterns, both of months and seasons, are here emphasized because of the greater improbability that they represent merely chance variations. If they are not due to chance variations but to terrestrial or extraterrestrial weather-making forces, it is highly important that these forces be surmised and discovered, for otherwise successful season-to-season weather and crop forecasting will not be possible.

The search for methods of long-range season-to-season weather and crop forecasting is being stimulated by the United States Department of Agriculture, the Weather Bureau now in the Department of Commerce, and other governmental and private agencies. Progress to date has been recorded in the 1941 Yearbook of the United States Department of Agriculture entitled "Climate and Man." As yet there is no direct approach known to scientists in this field of forecasting enabling them to forecast for more than a few days in advance.

Meteorologists believe the most rapid and certain progress can be made by studying atmospheric phenomena directly, and discovering and measuring the physical factors that cause both persistence tendencies and changes in weather over long as well as short periods. The approach presented in this publication is statistical, but its object is the same as that of the physical studies of the meteorologists—to hasten the day when season-to-season long-range weather and crop-yield forecasting will be possible. If statistics can demonstrate the existence of weather patterns and can determine what they are, that in itself will be a long step toward the solution of the ultimate problem.

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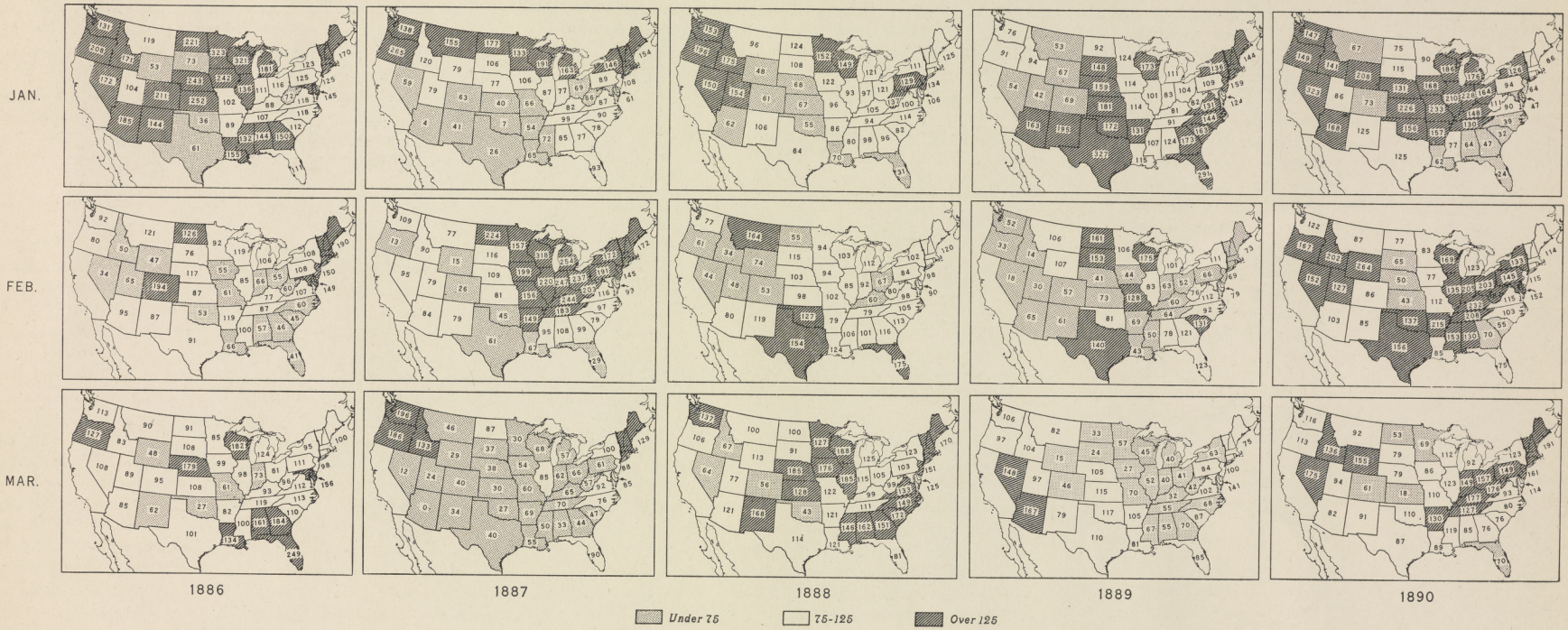
PERCENTAGE OF NORMAL PRECIPITATION, 1886-90



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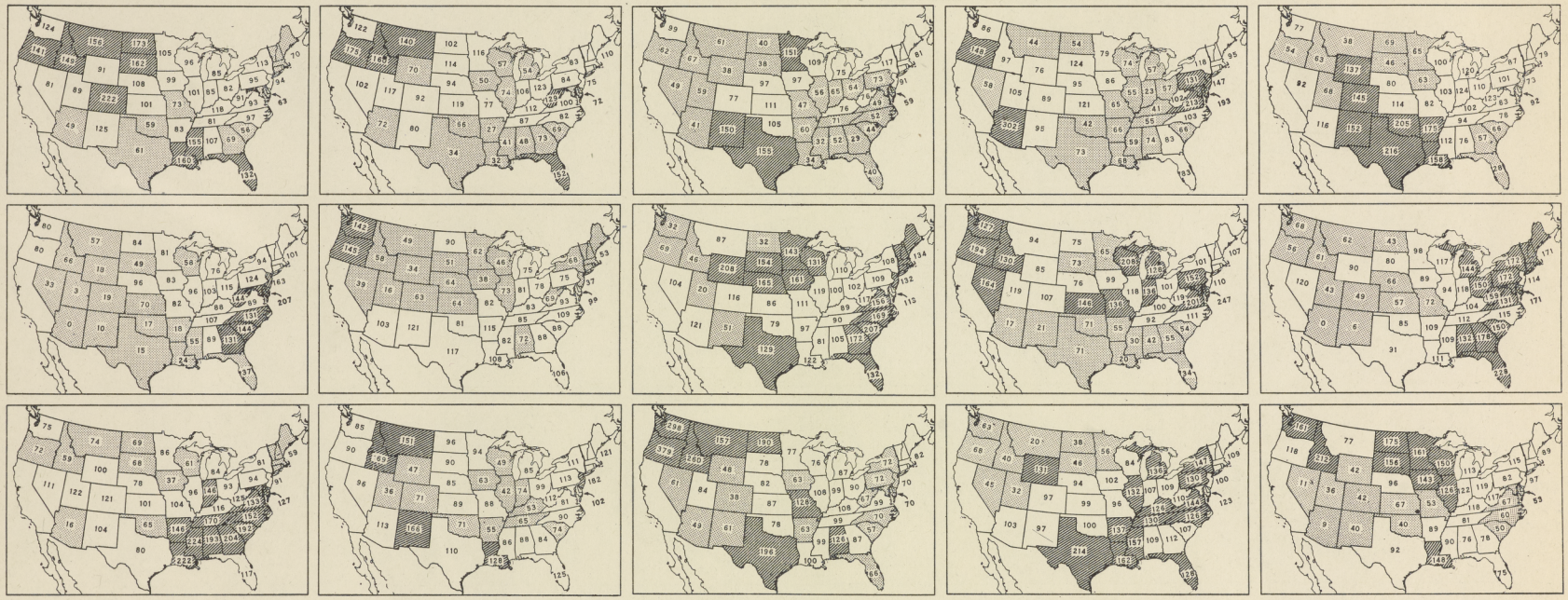

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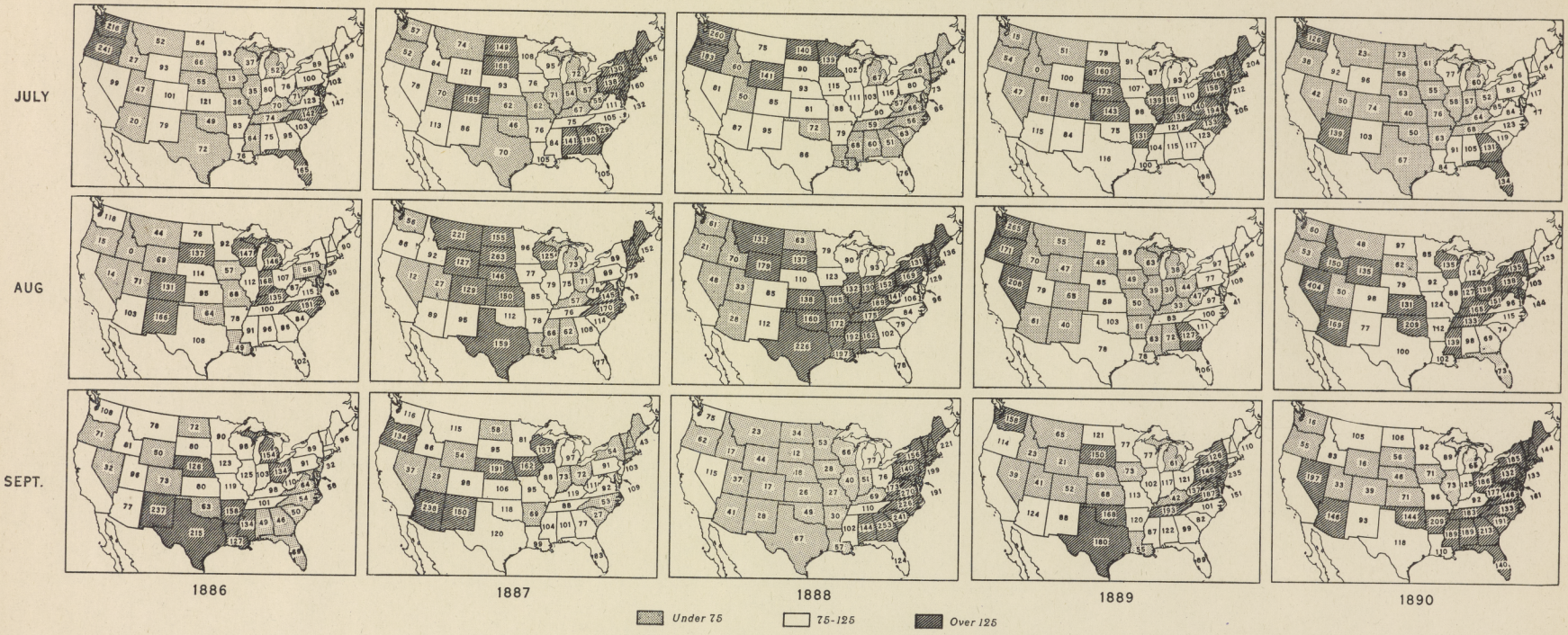

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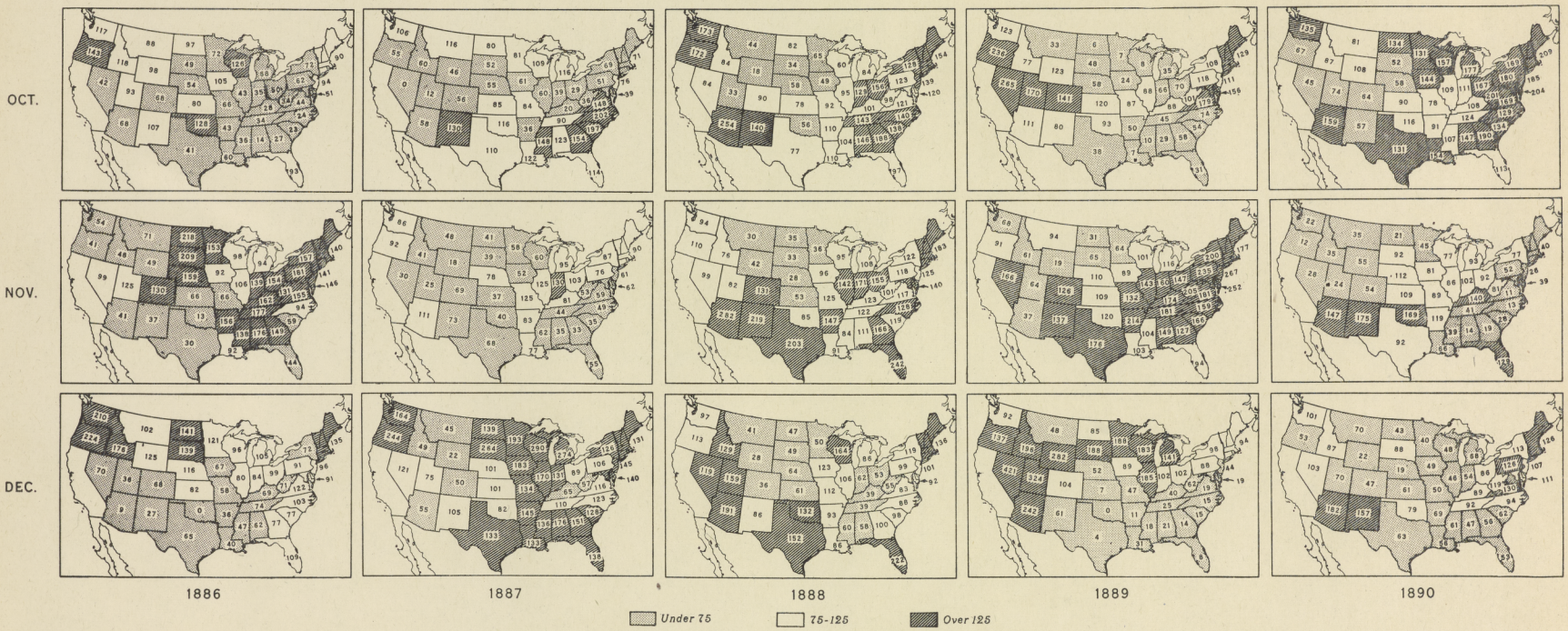
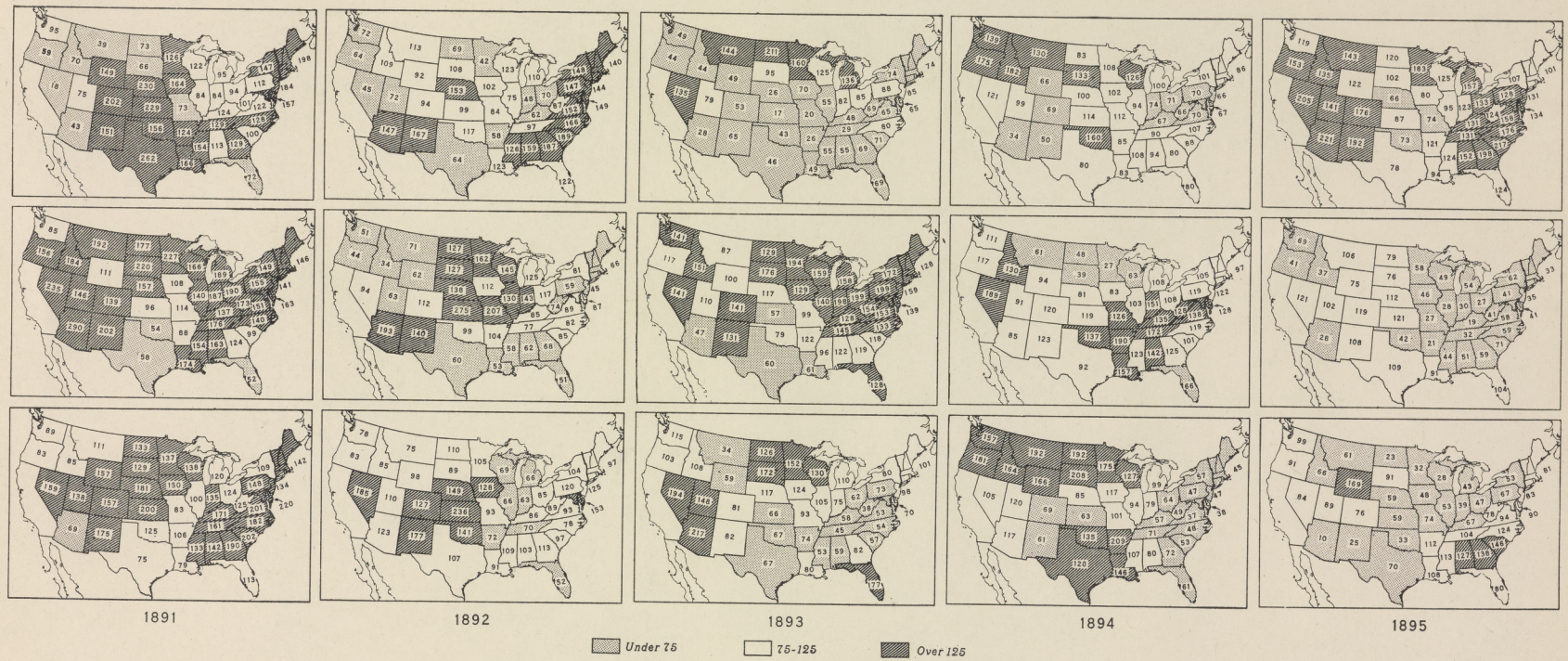


PERCENTAGE OF NORMAL PRECIPITATION, 1891-95



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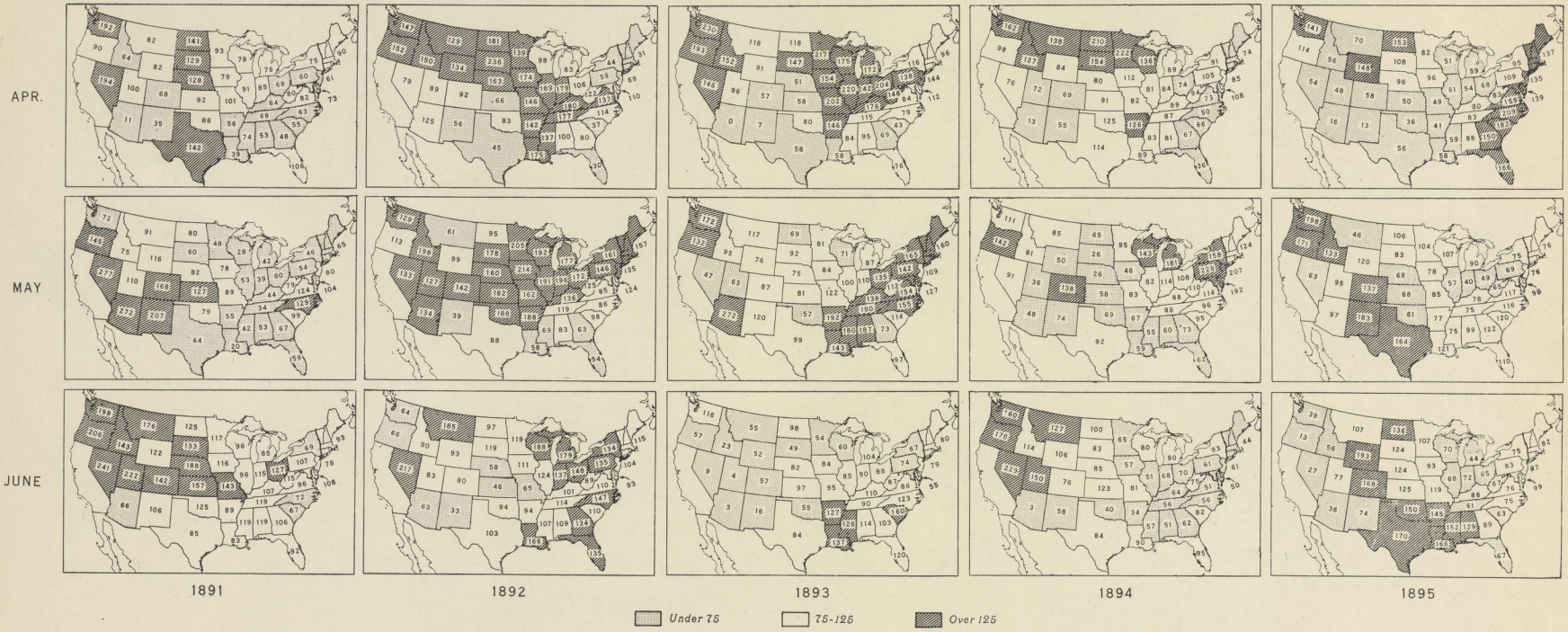

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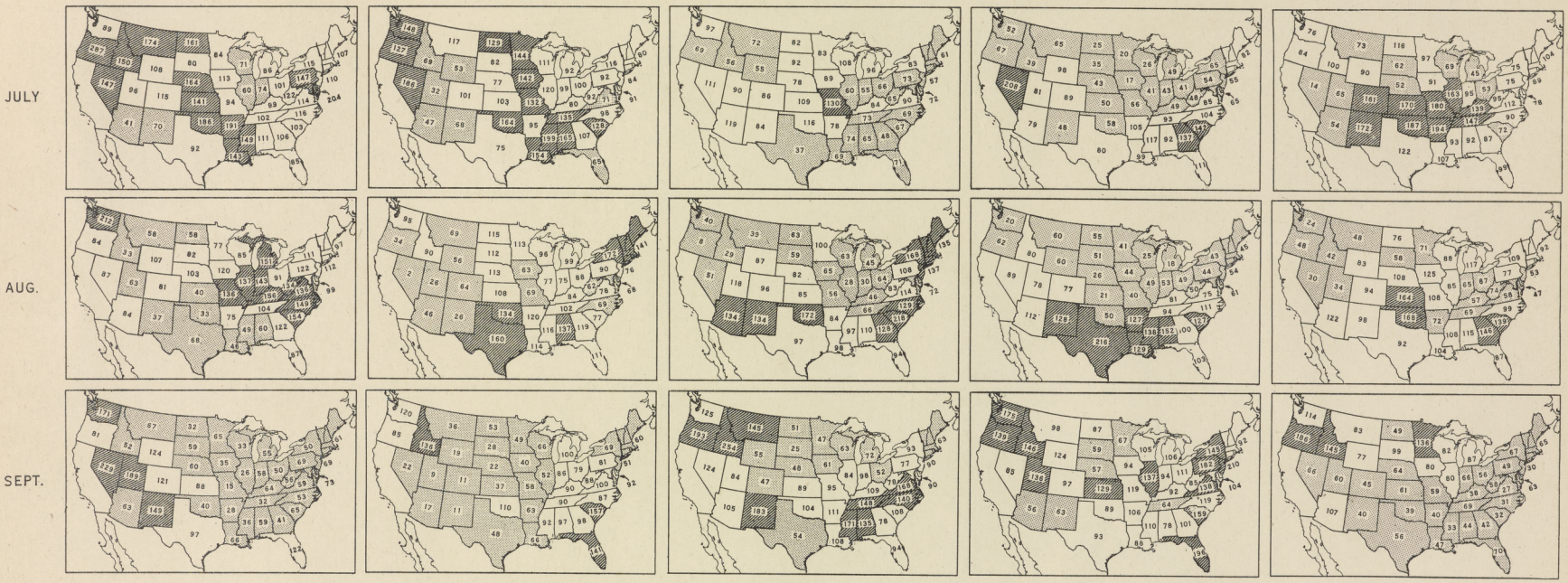

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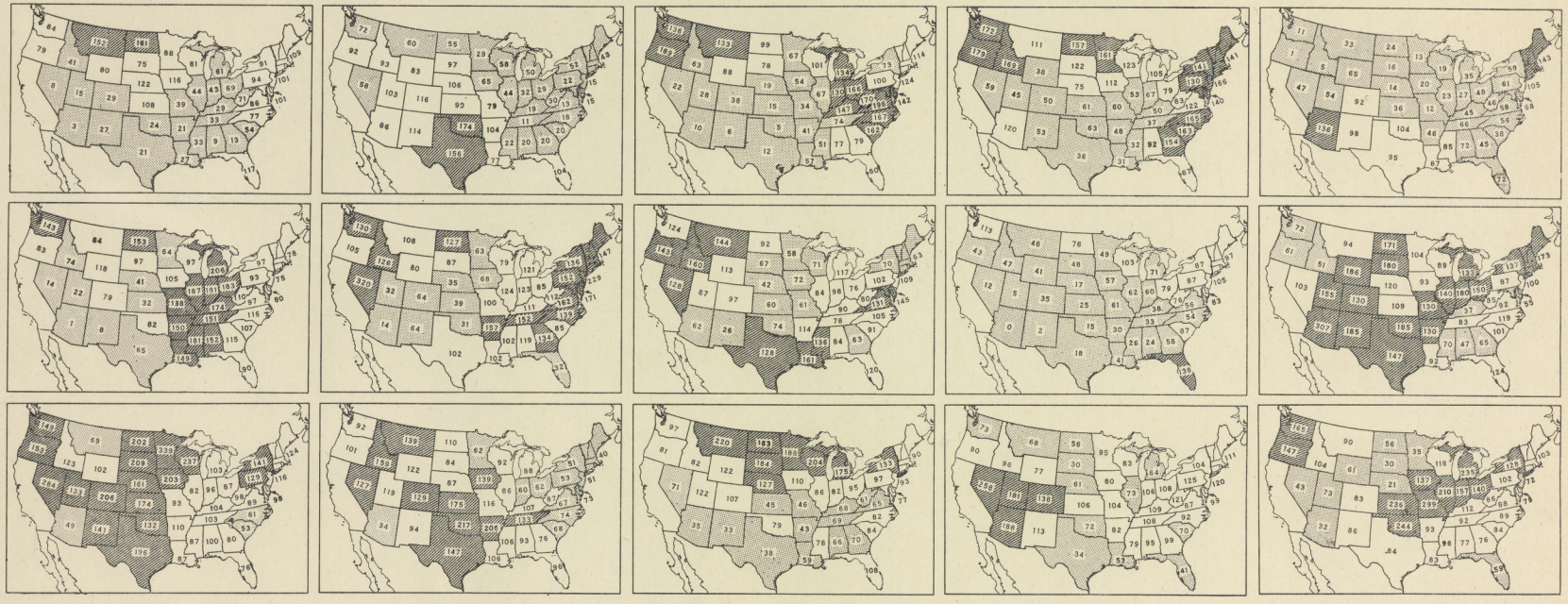

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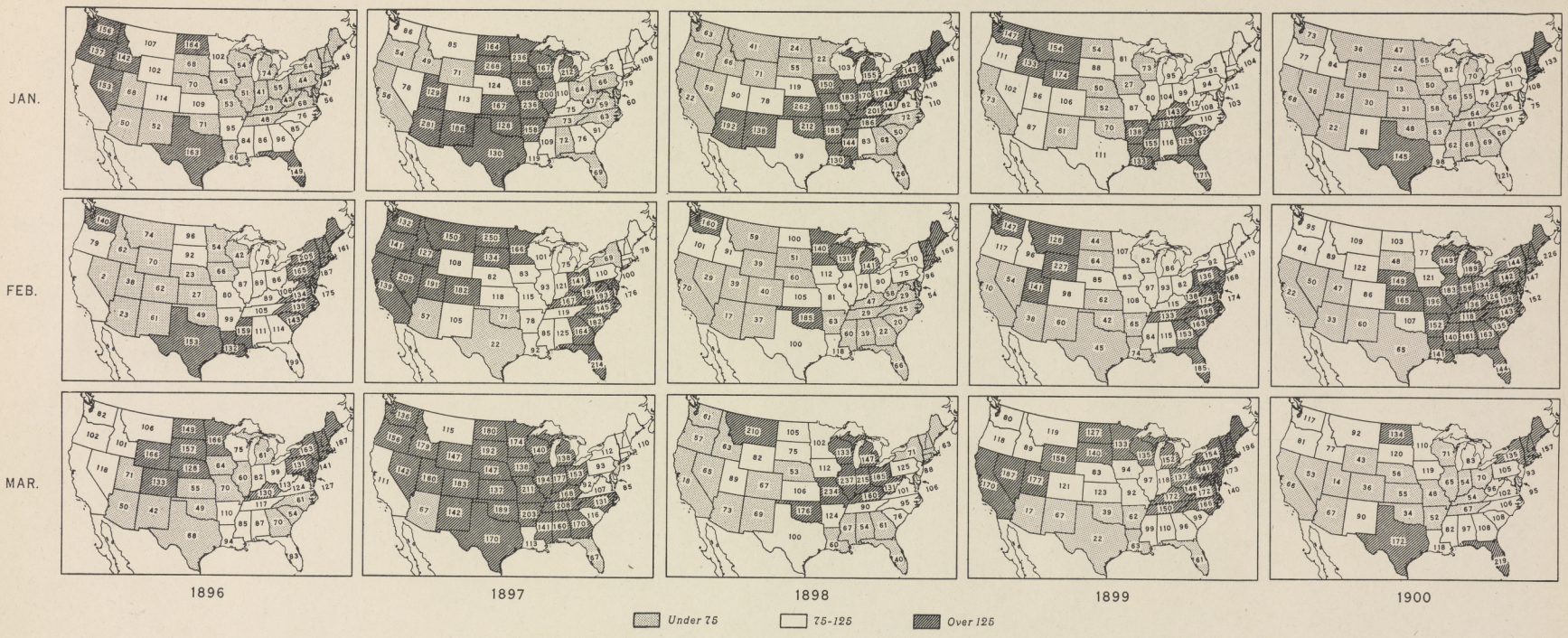
PERCENTAGE OF NORMAL PRECIPITATION, 1896-1900



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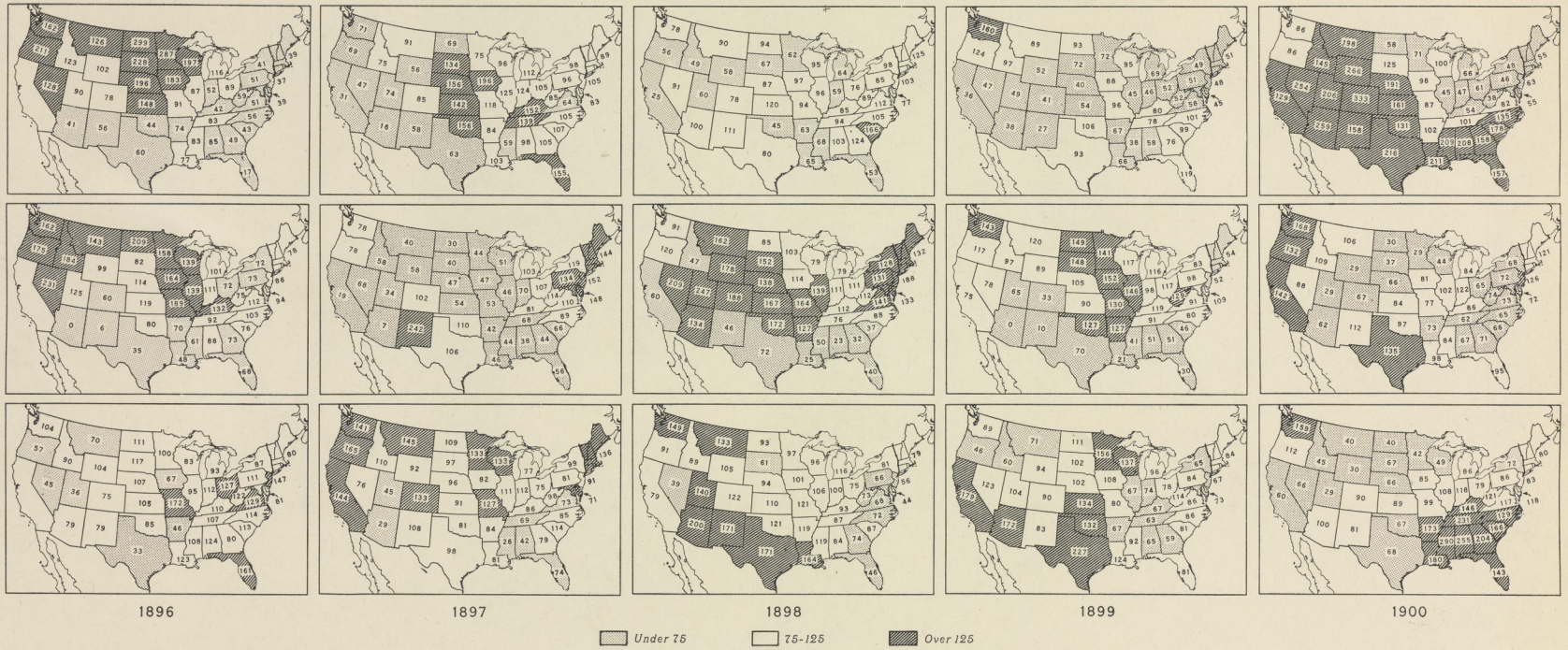

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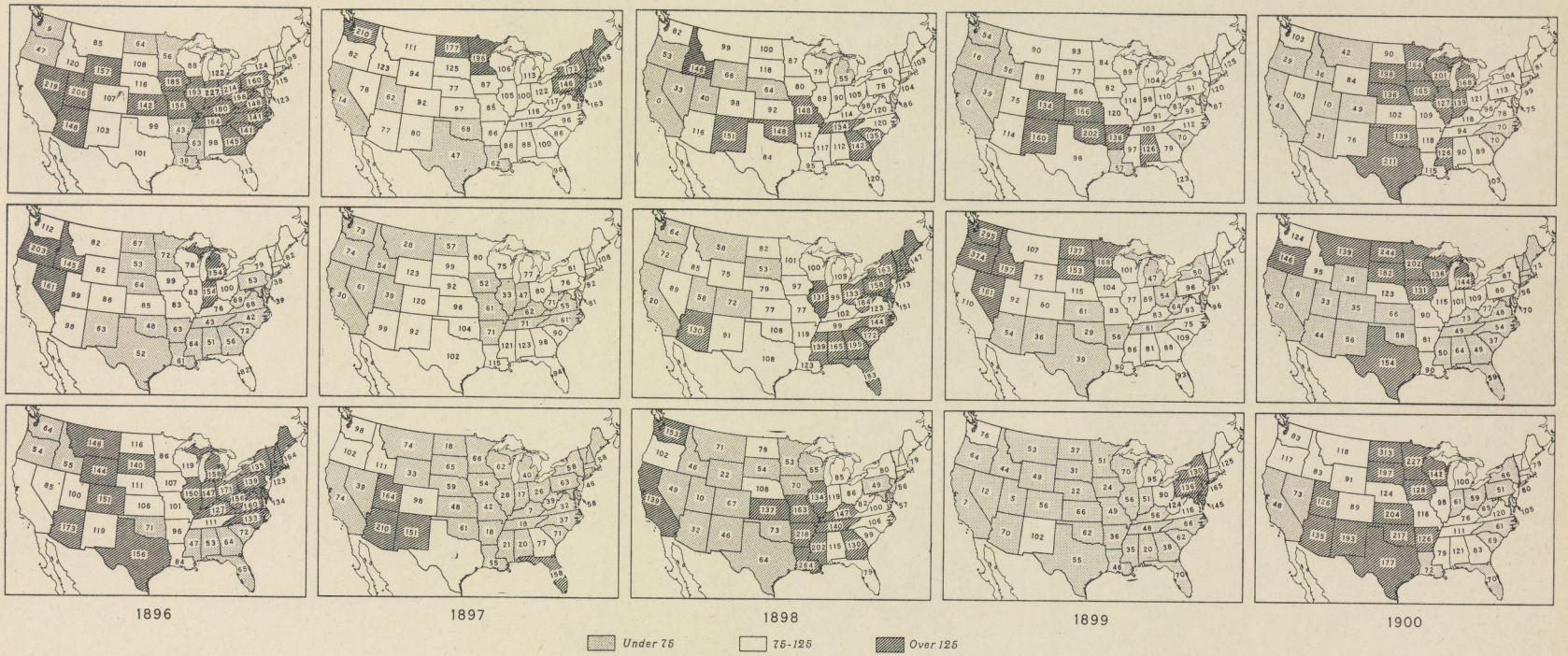

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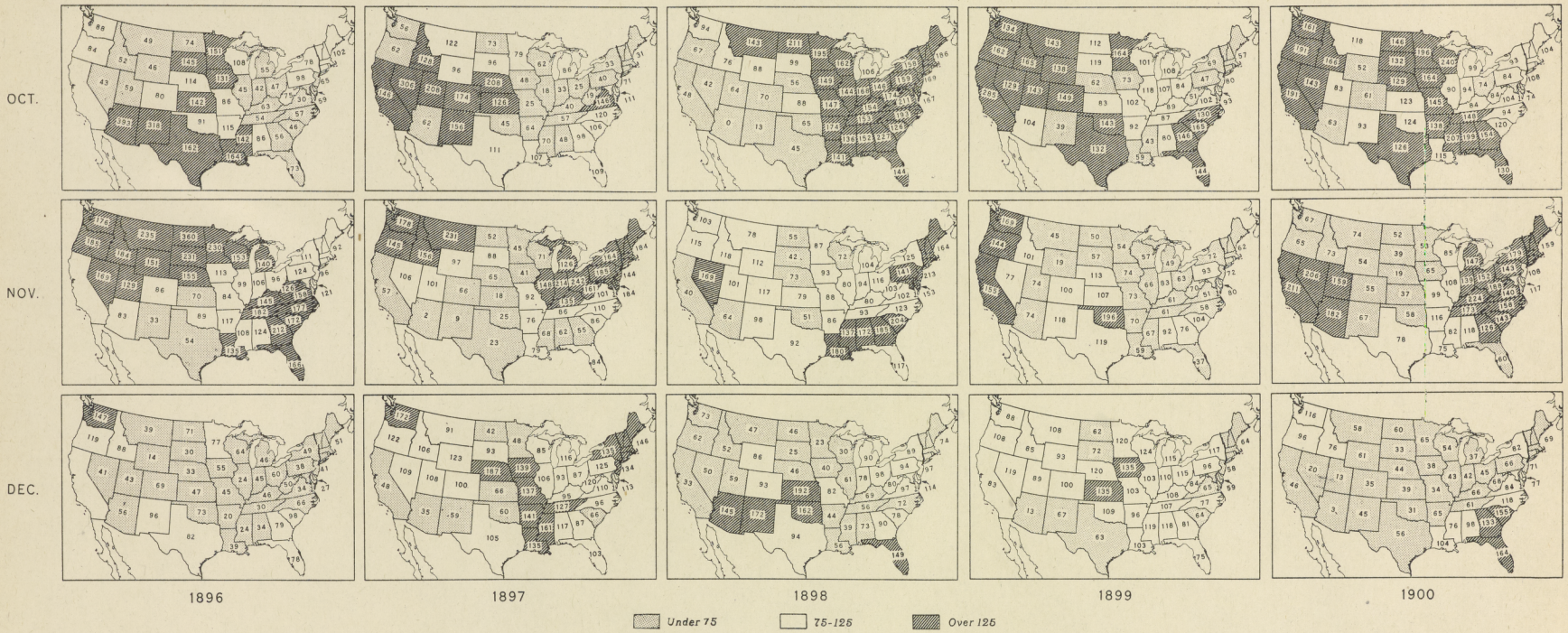
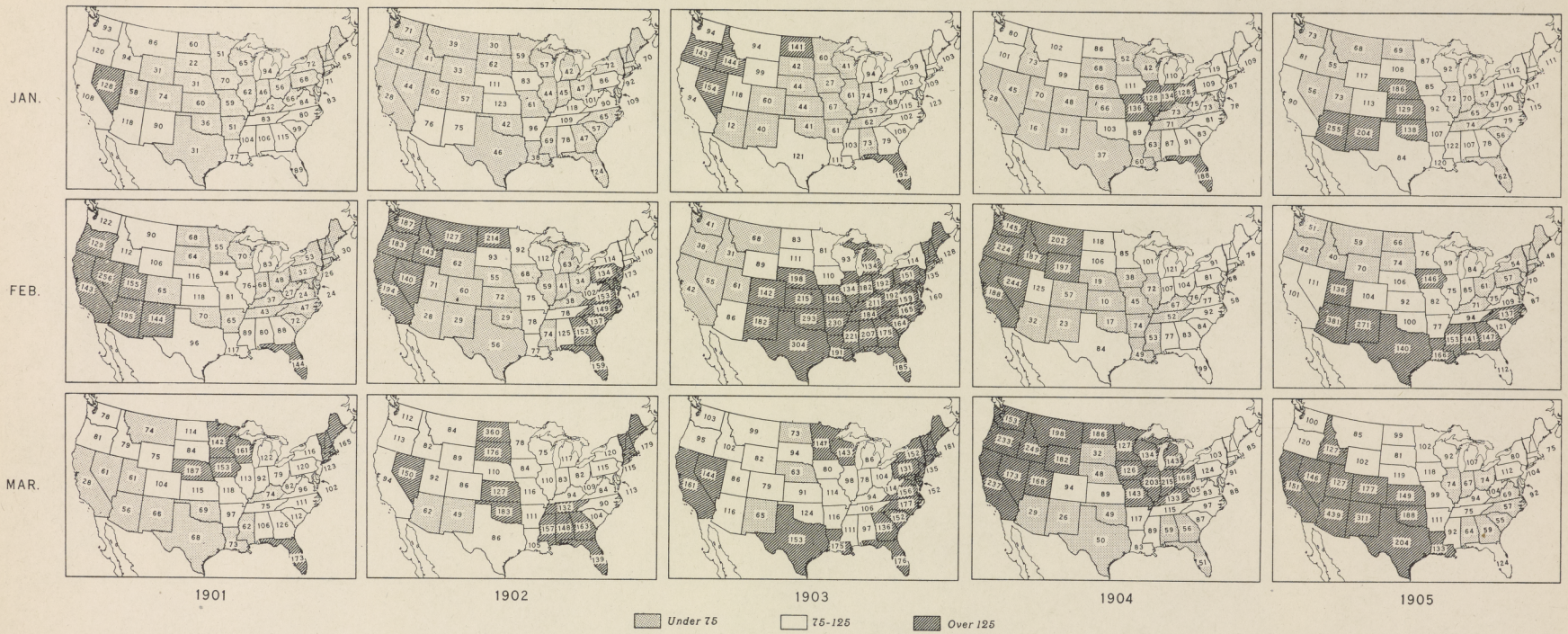


PERCENTAGE OF NORMAL PRECIPITATION, 1901-05



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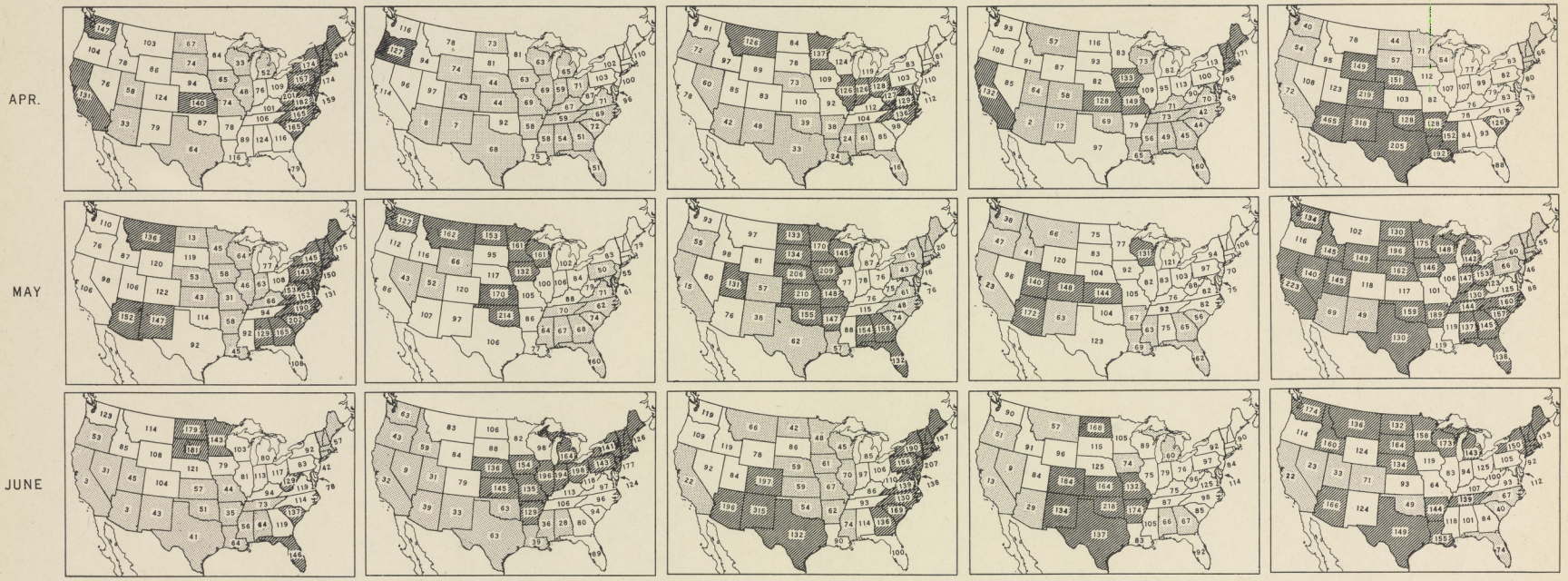
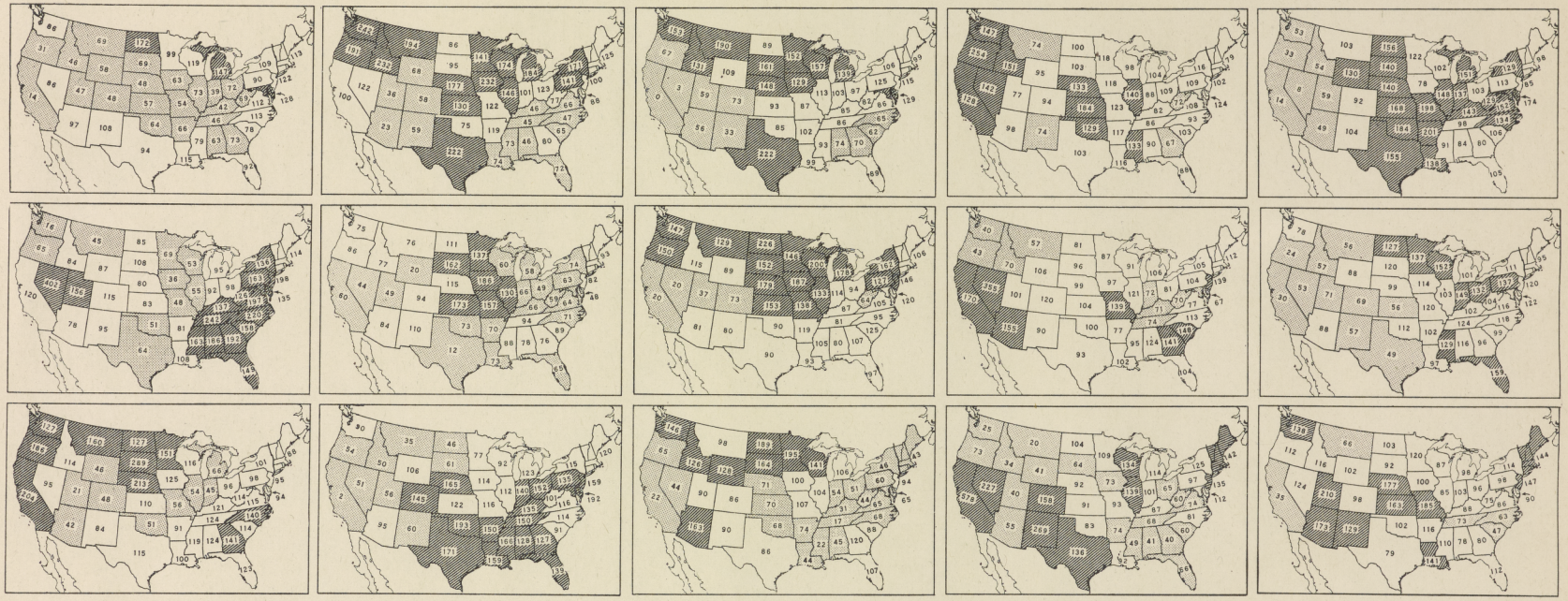
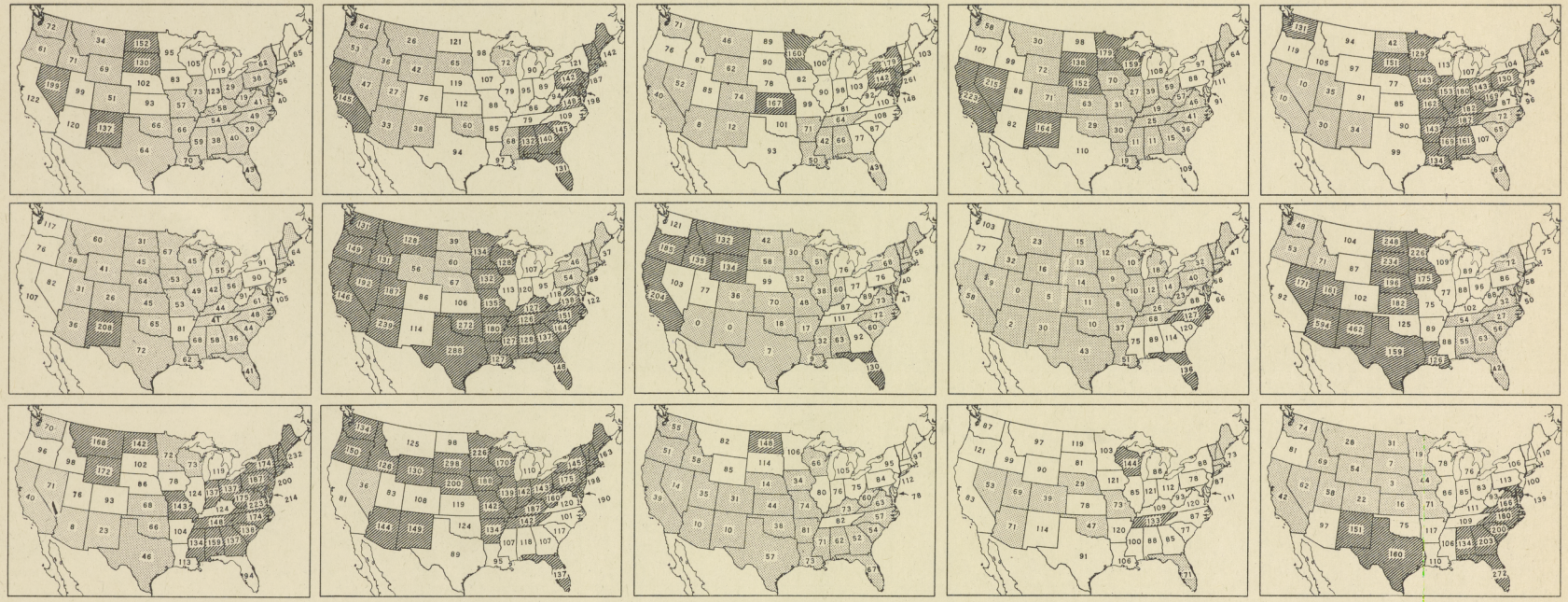


PERCENTAGE OF NORMAL PRECIPITATION, 1901-05



PERCENTAGE OF NORMAL PRECIPITATION, 1901-05



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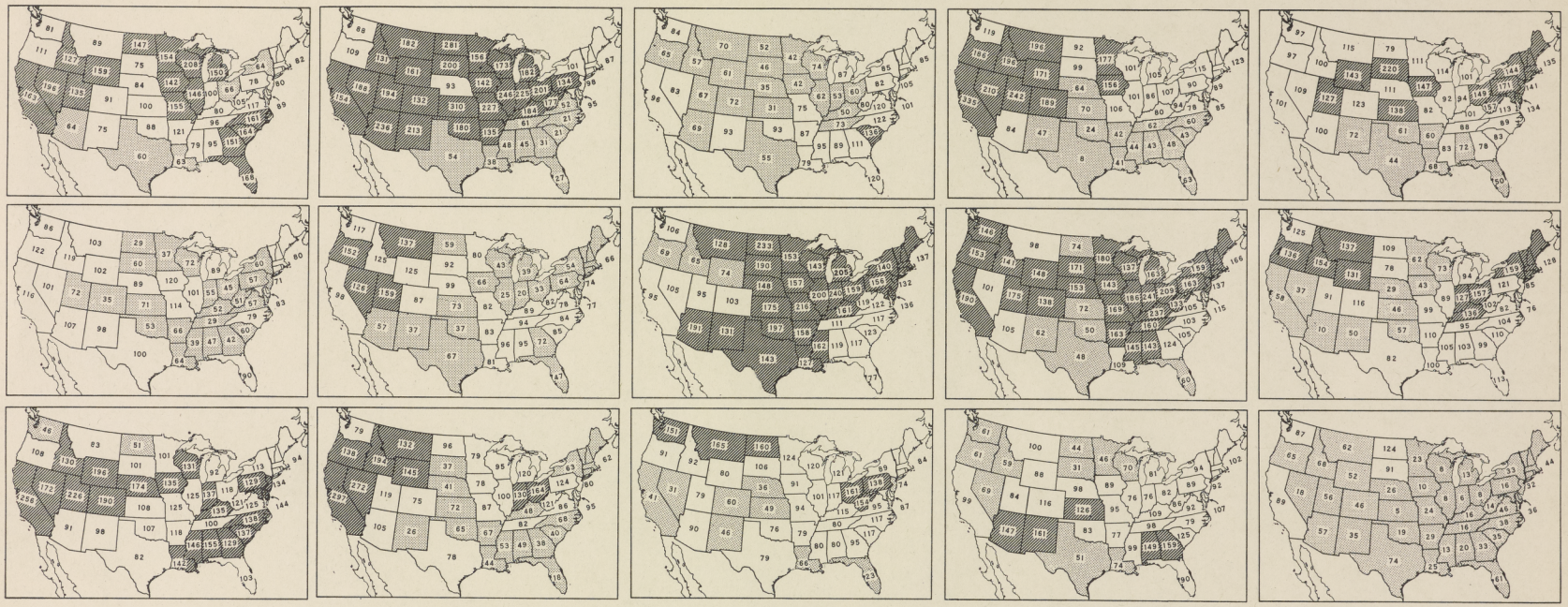
PERCENTAGE OF NORMAL PRECIPITATION, 1906-10



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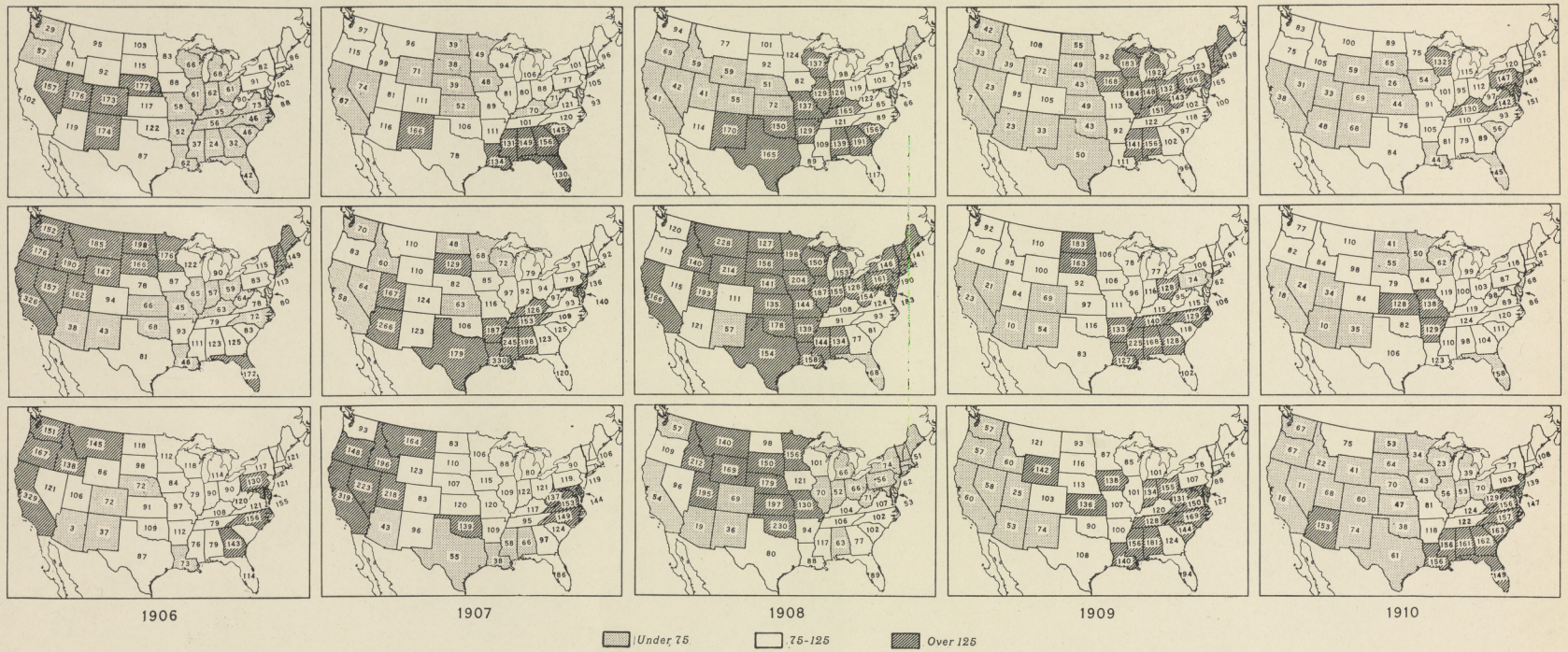

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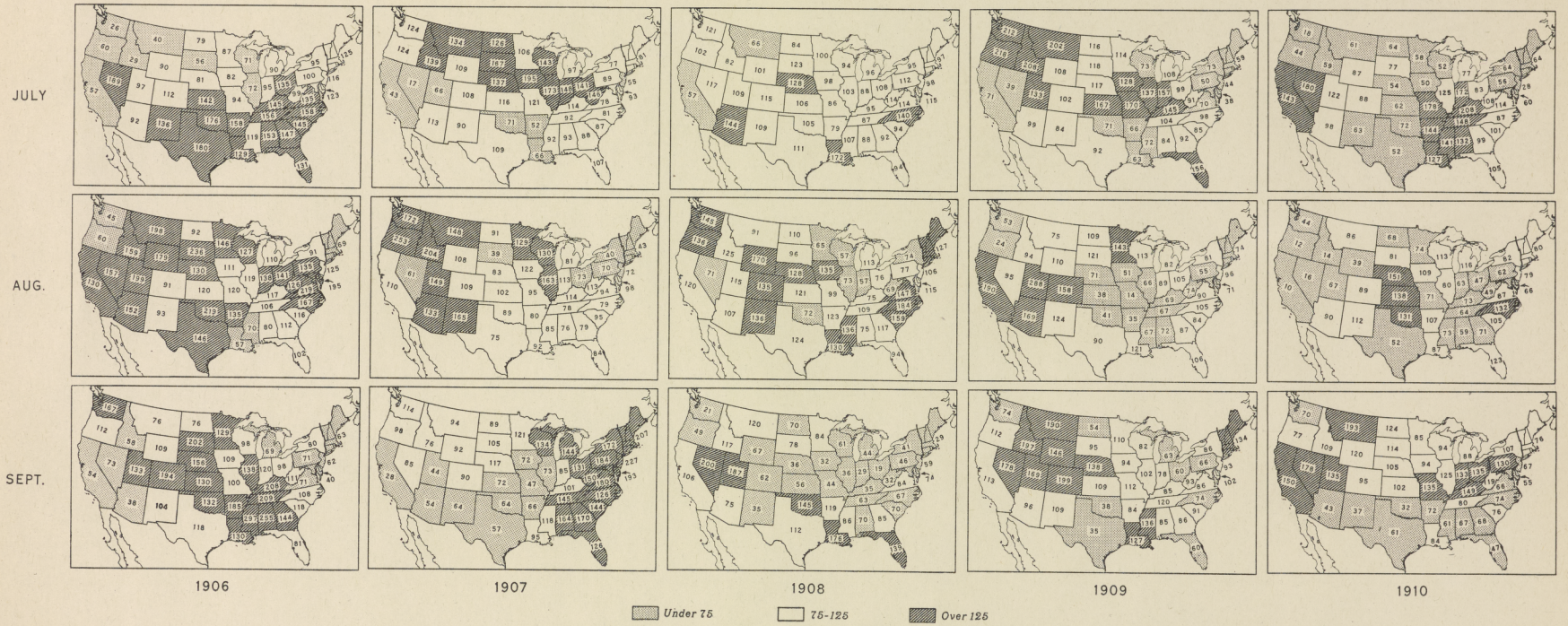

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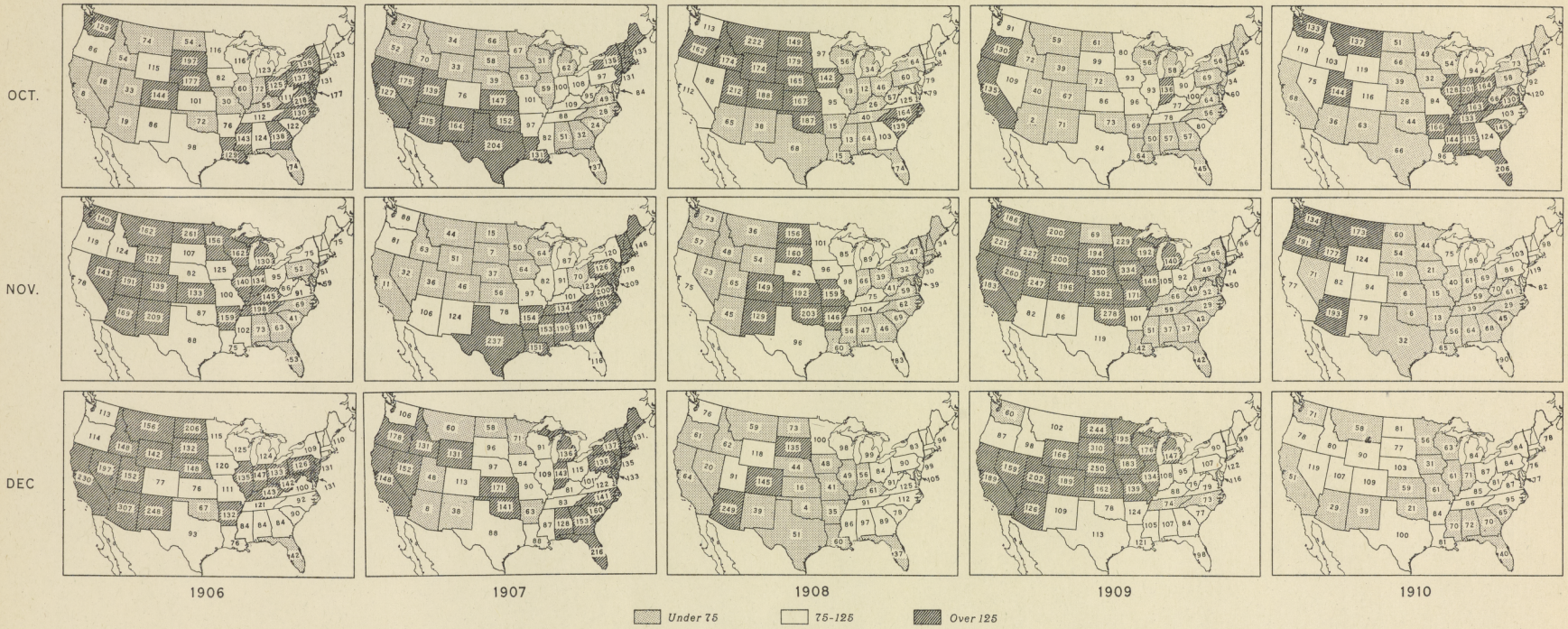
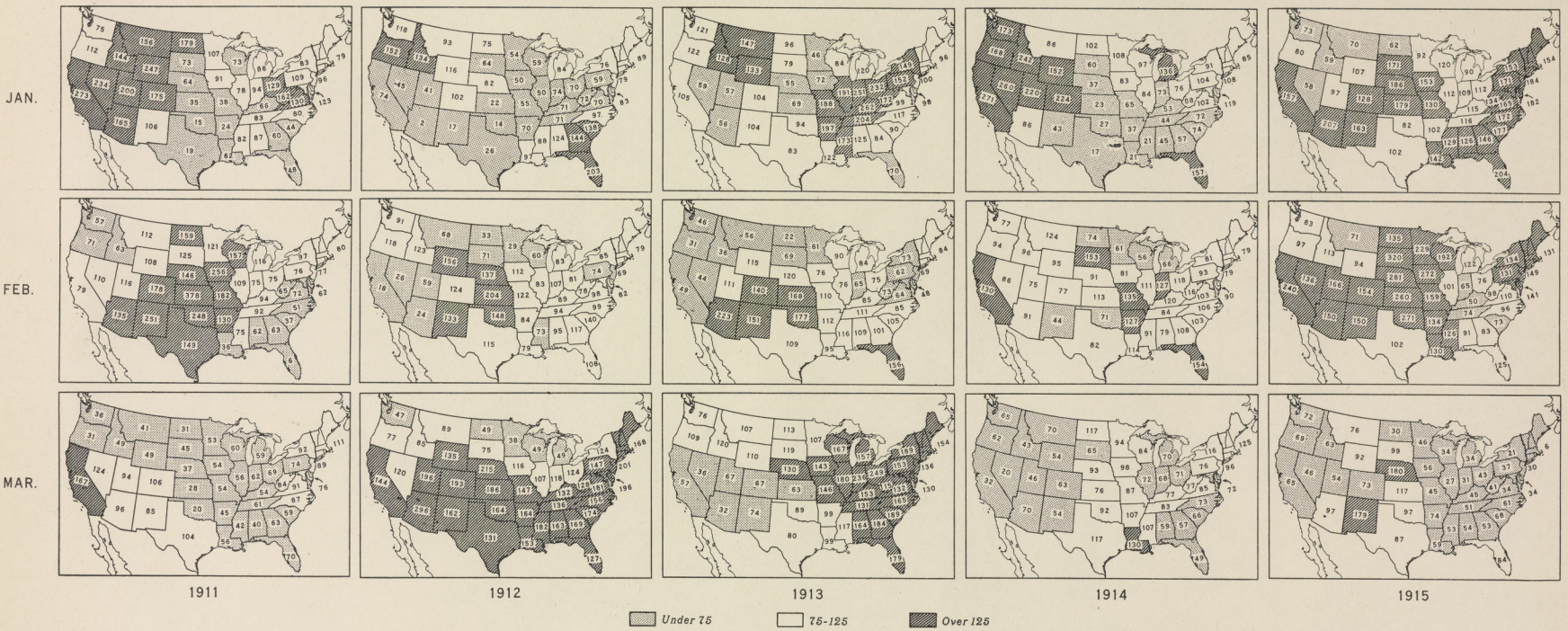
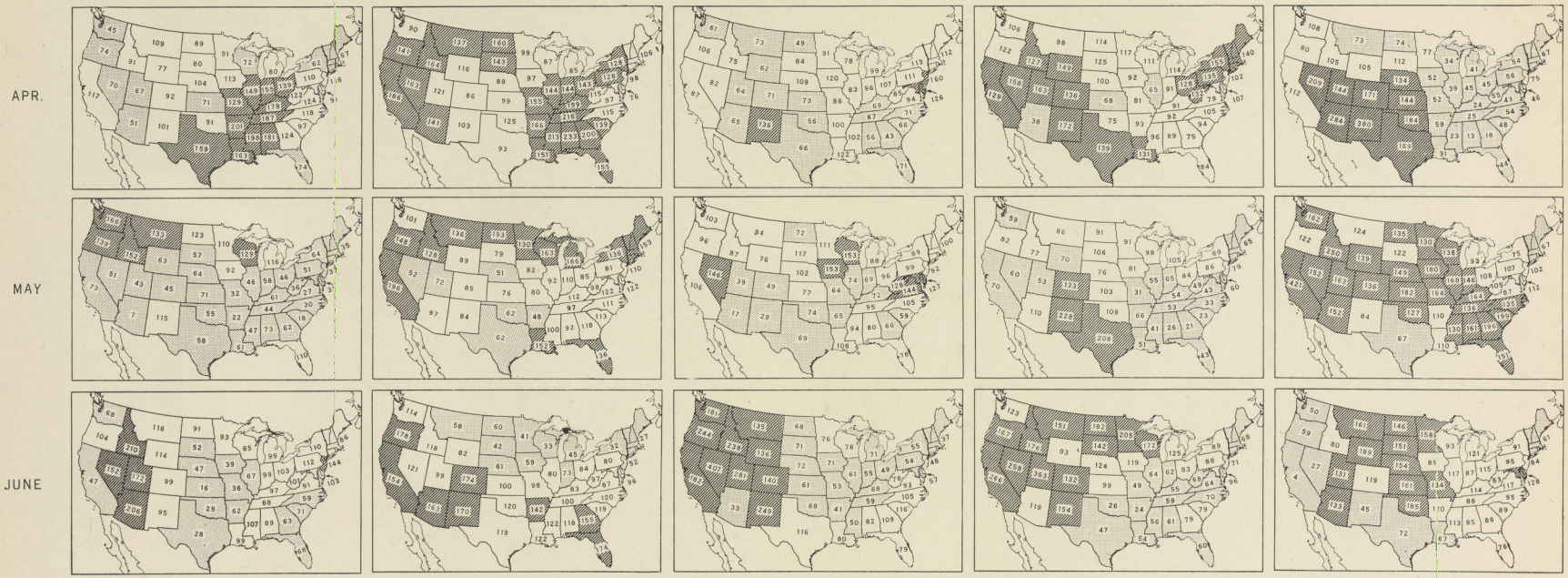


PERCENTAGE OF NORMAL PRECIPITATION, 1911-15



PERCENTAGE OF NORMAL PRECIPITATION, 1911-15



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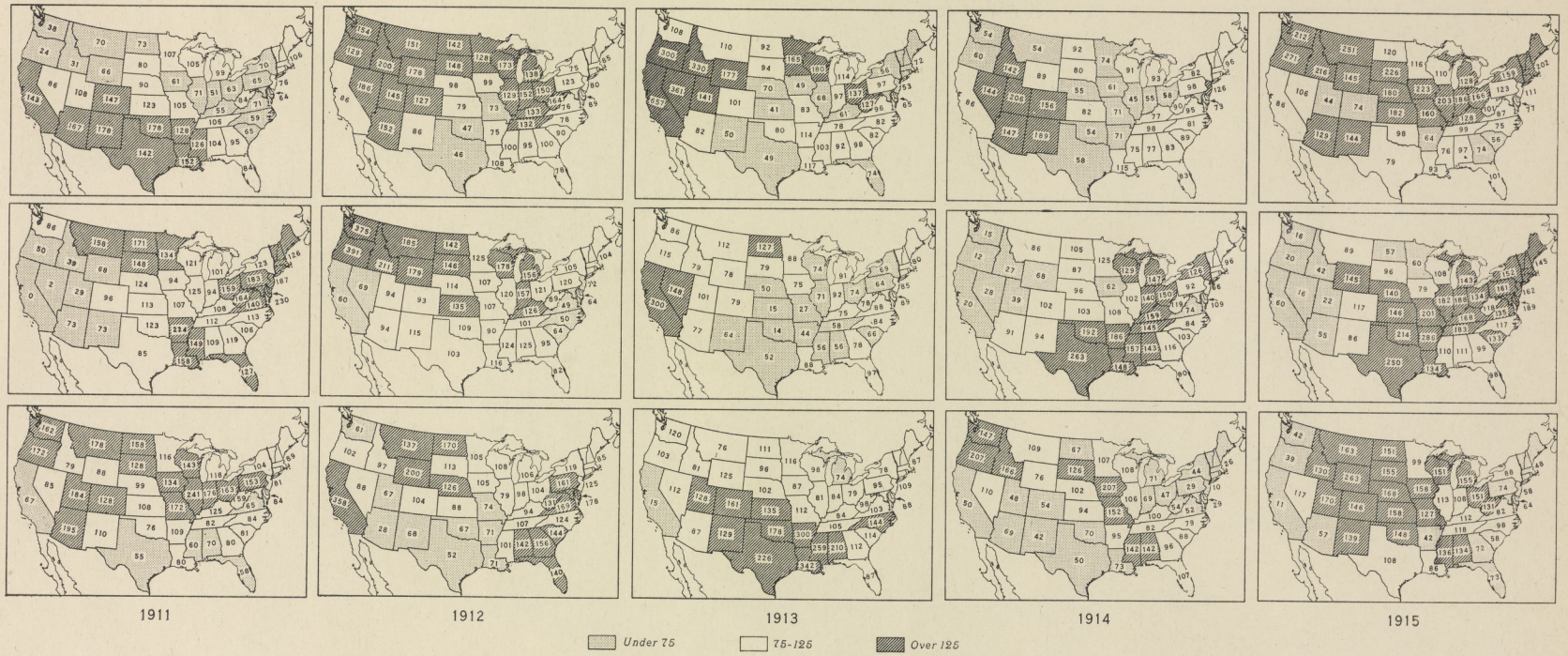

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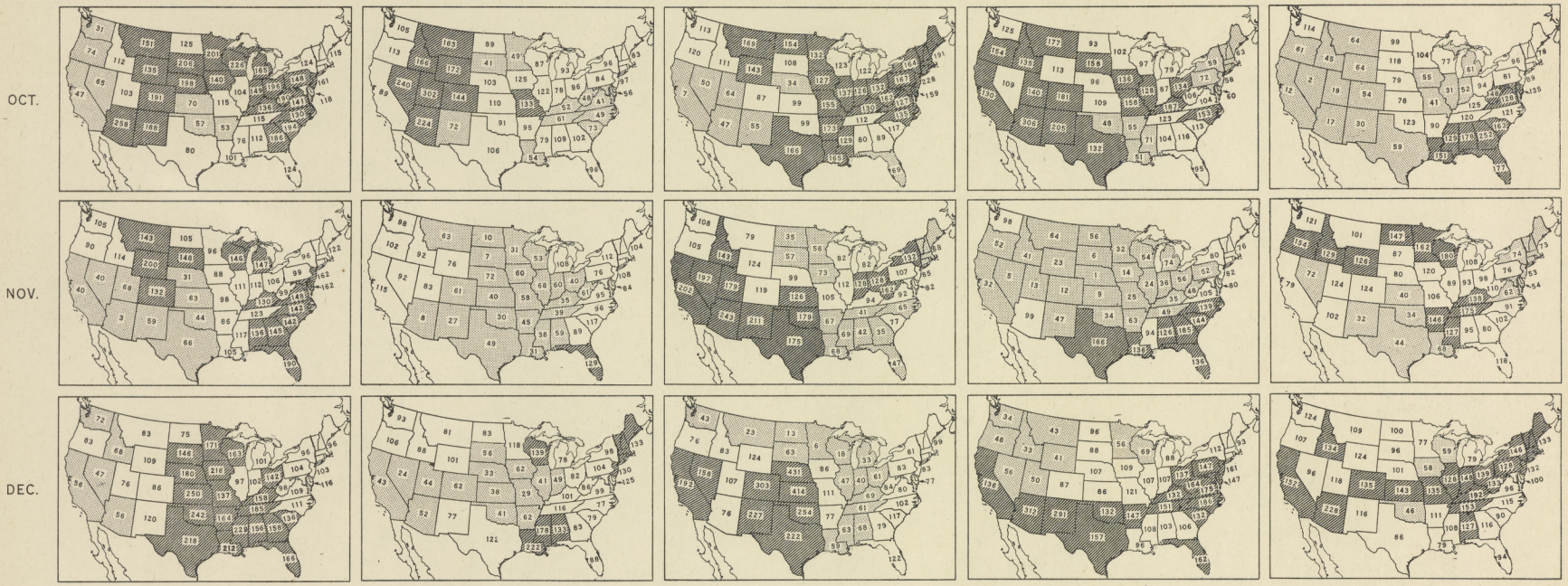

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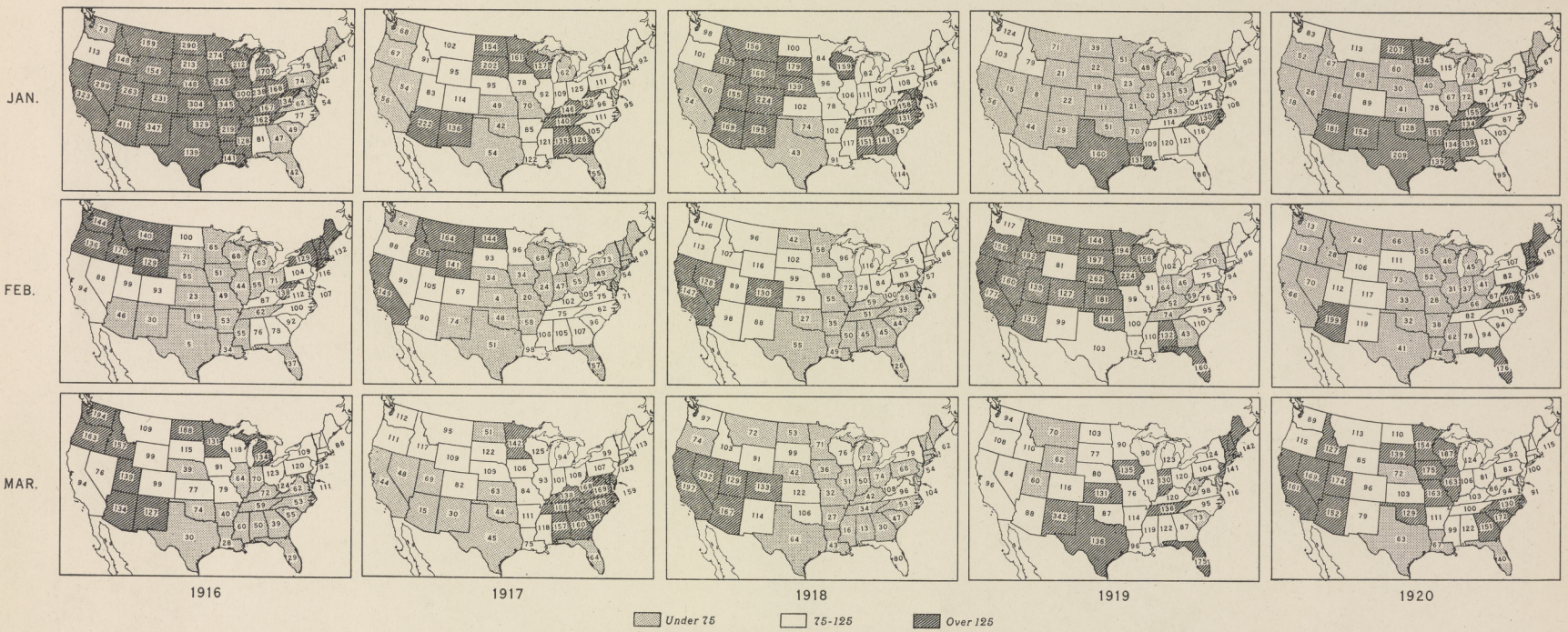
PERCENTAGE OF NORMAL PRECIPITATION, 1916-20



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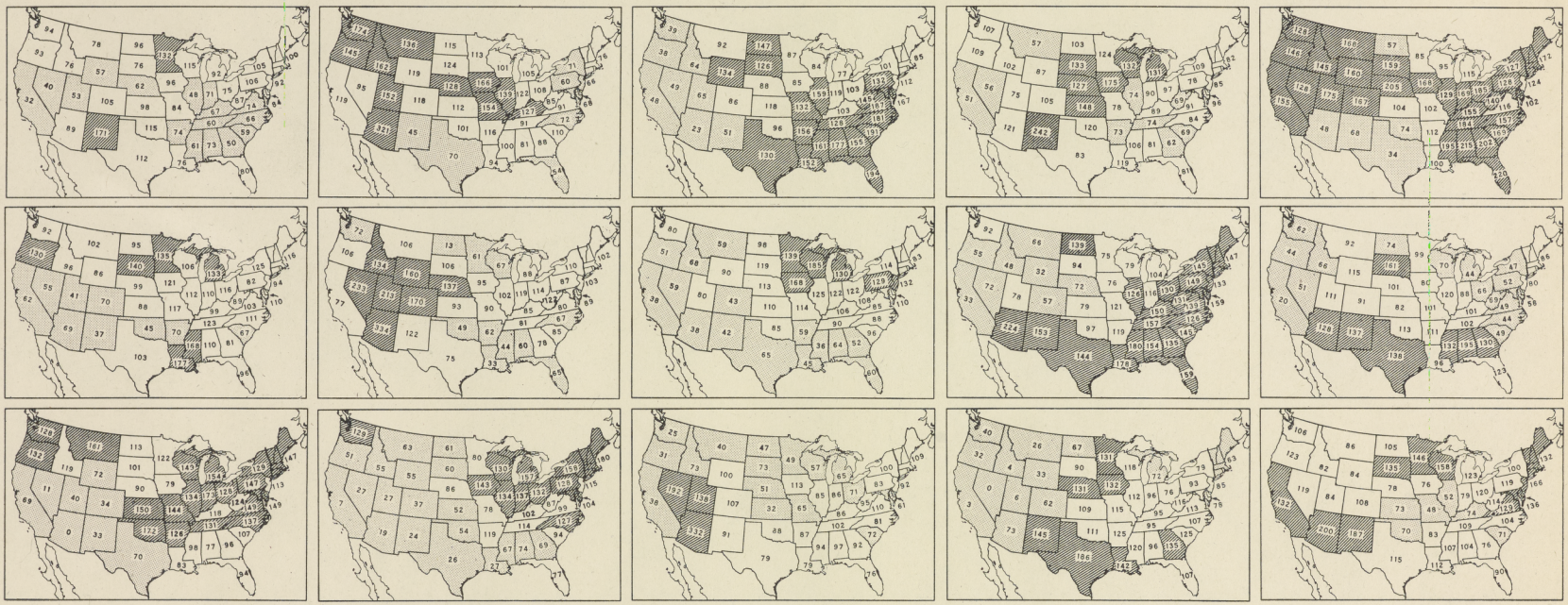

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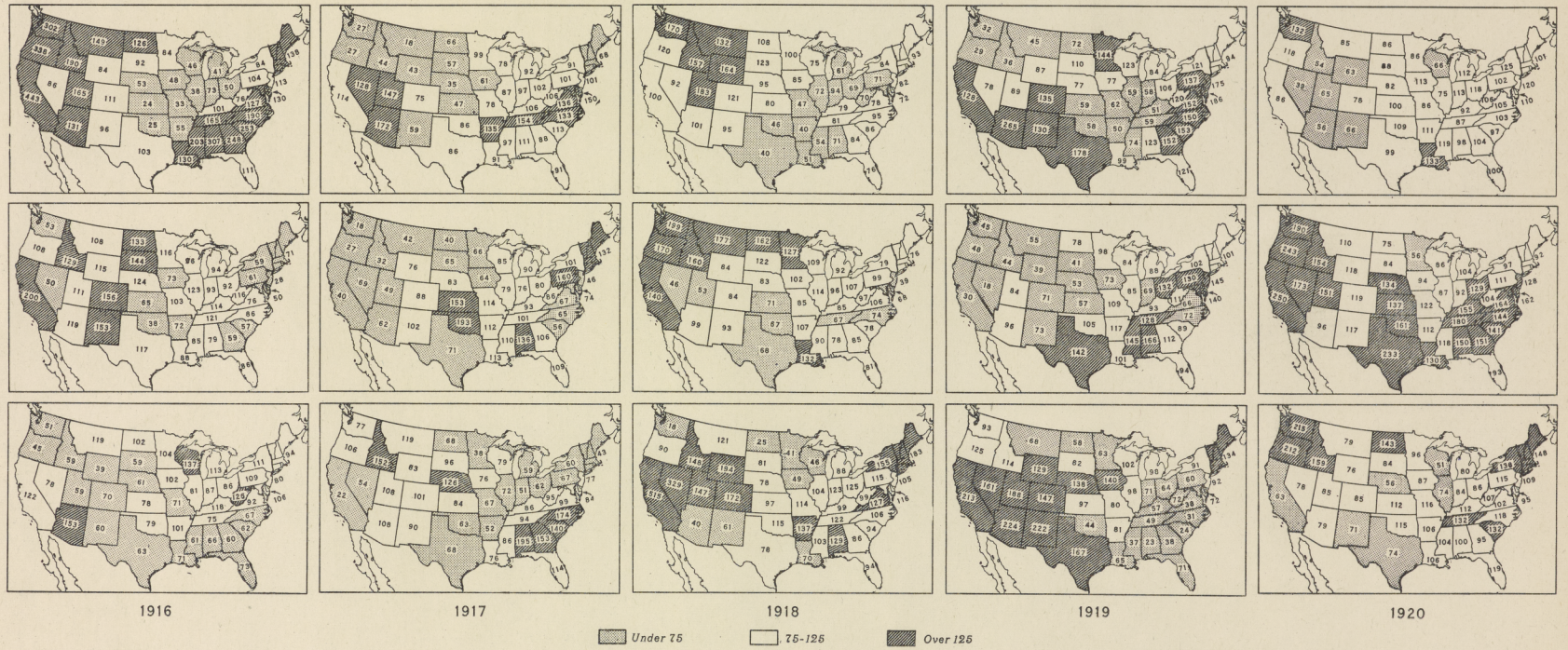

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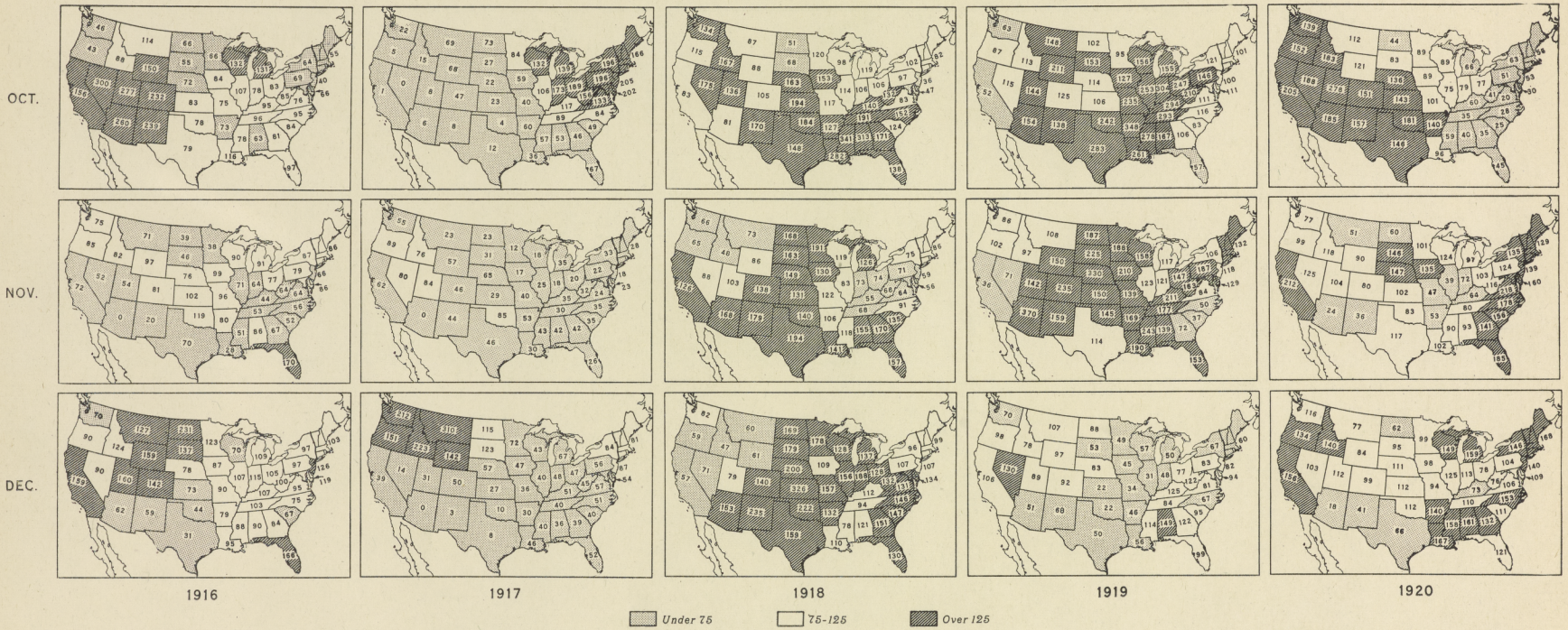
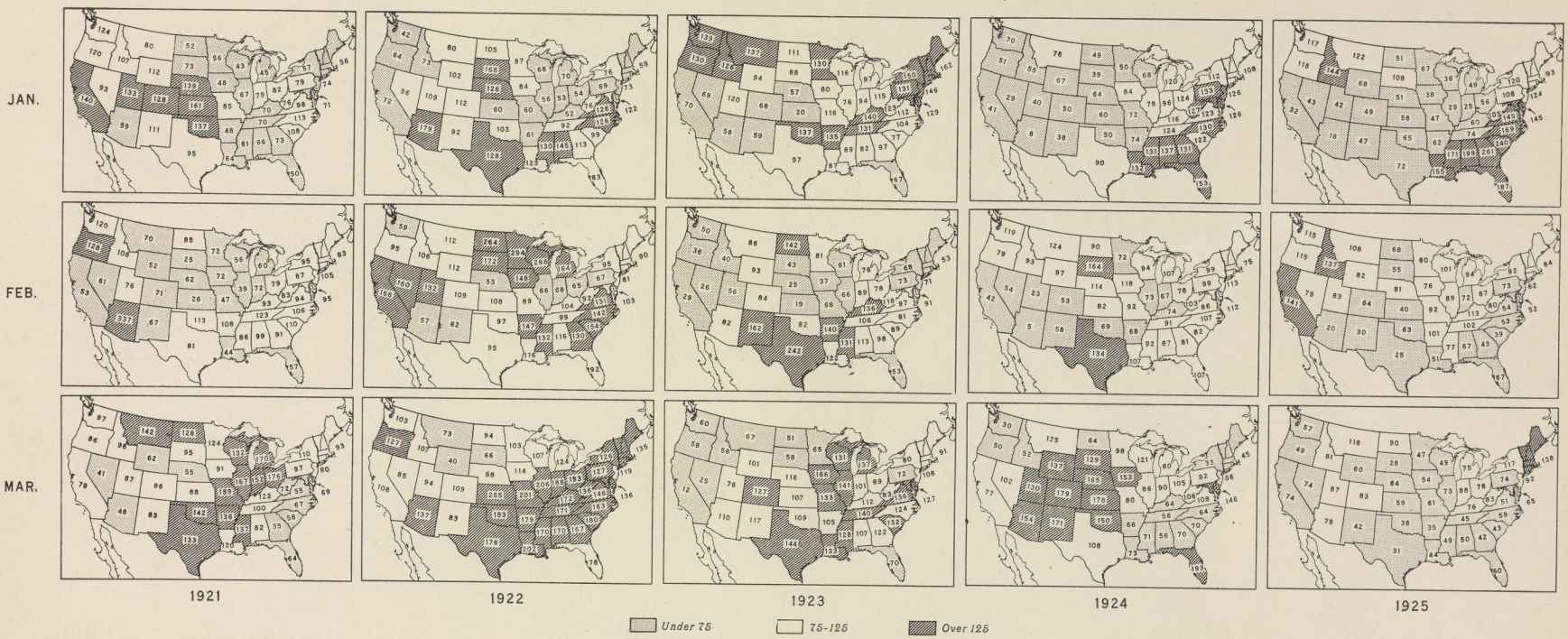


PERCENTAGE OF NORMAL PRECIPITATION, 1921-25



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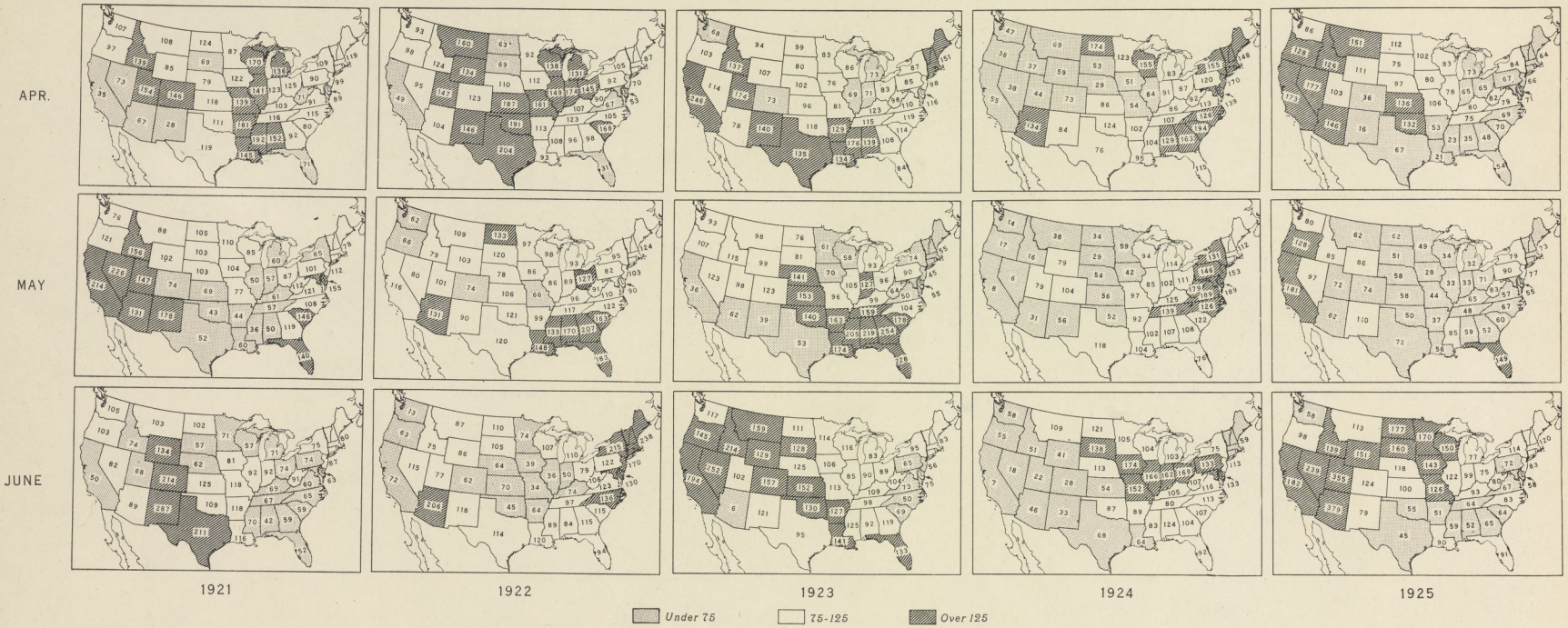

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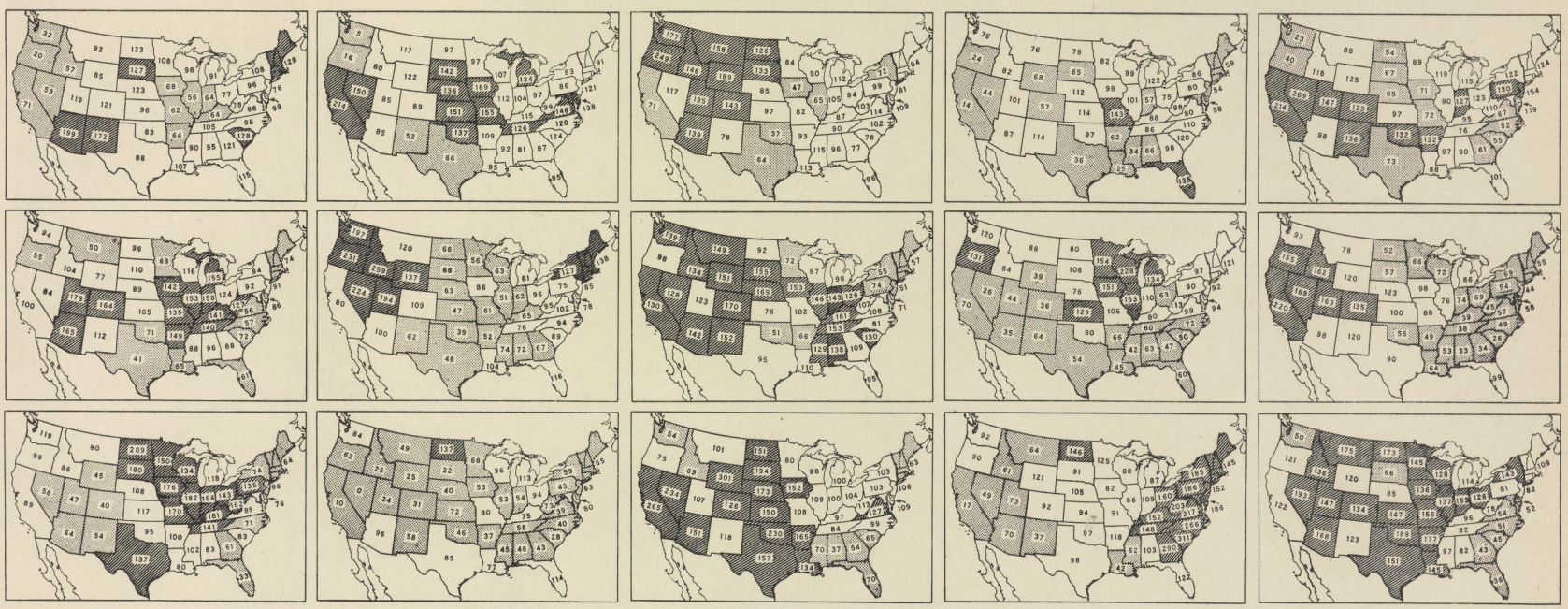

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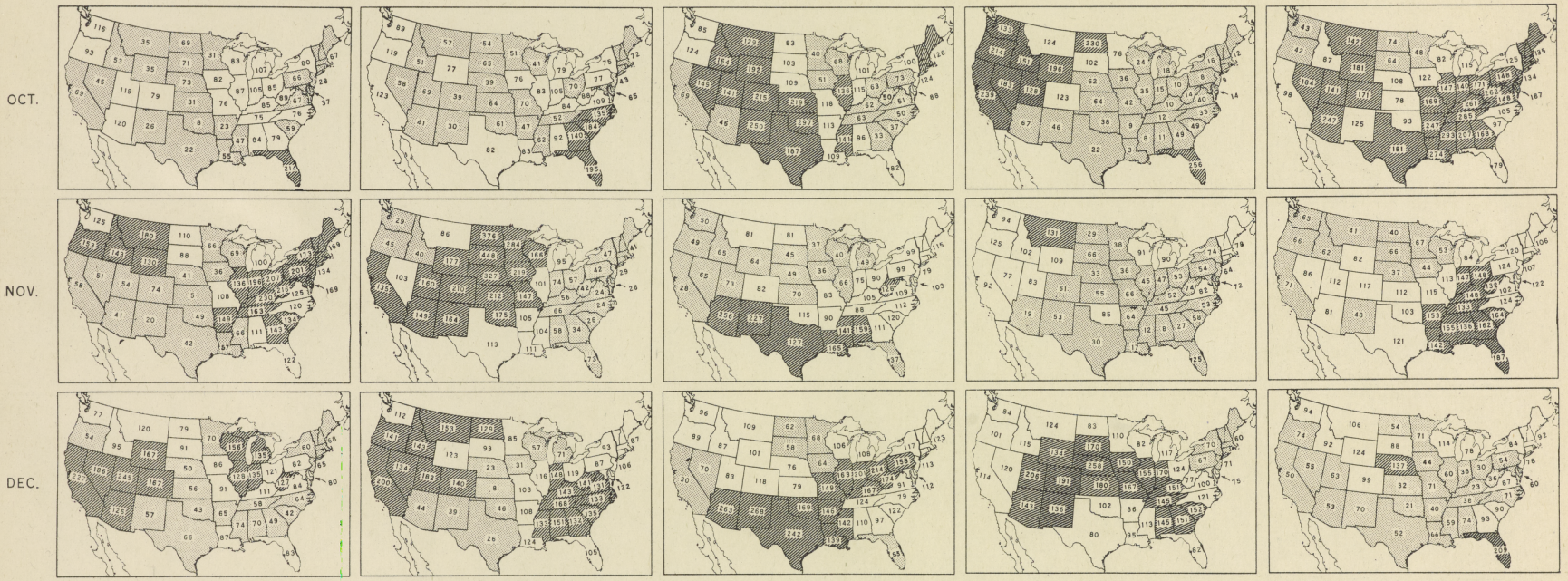

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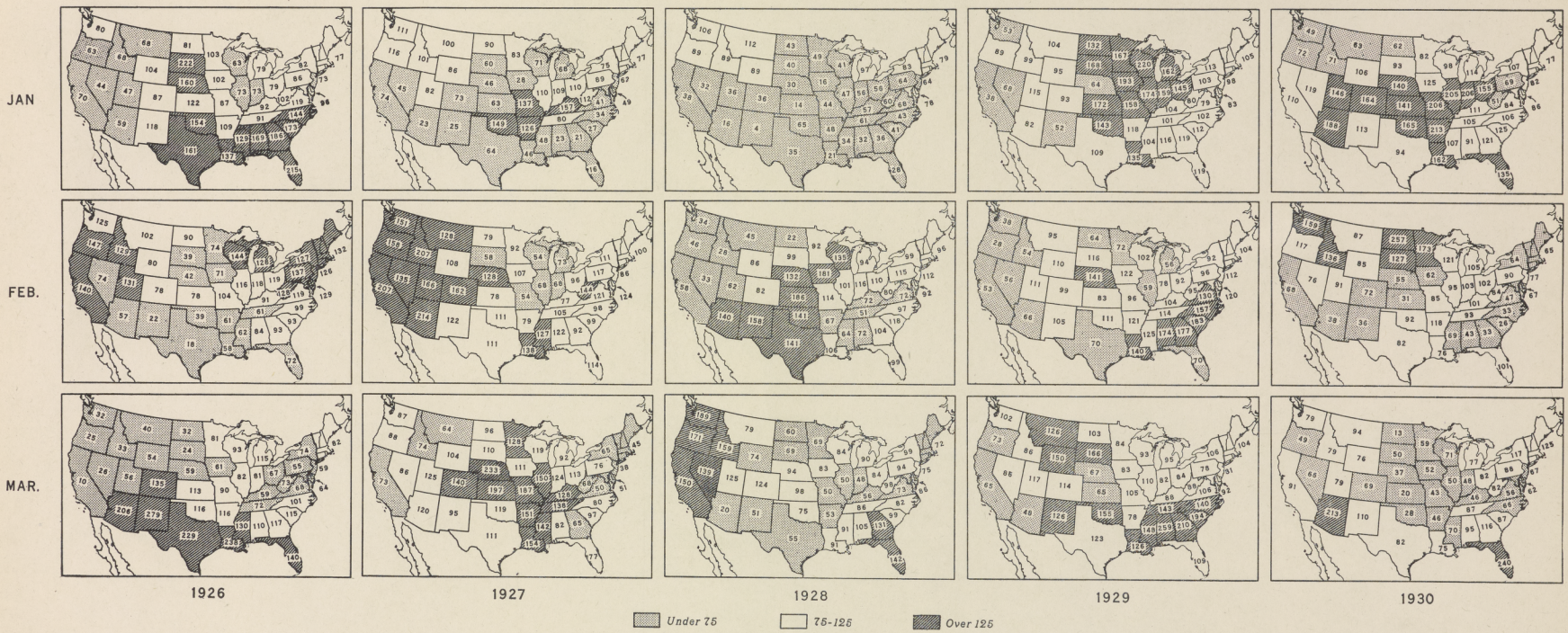
PERCENTAGE OF NORMAL PRECIPITATION, 1926-30



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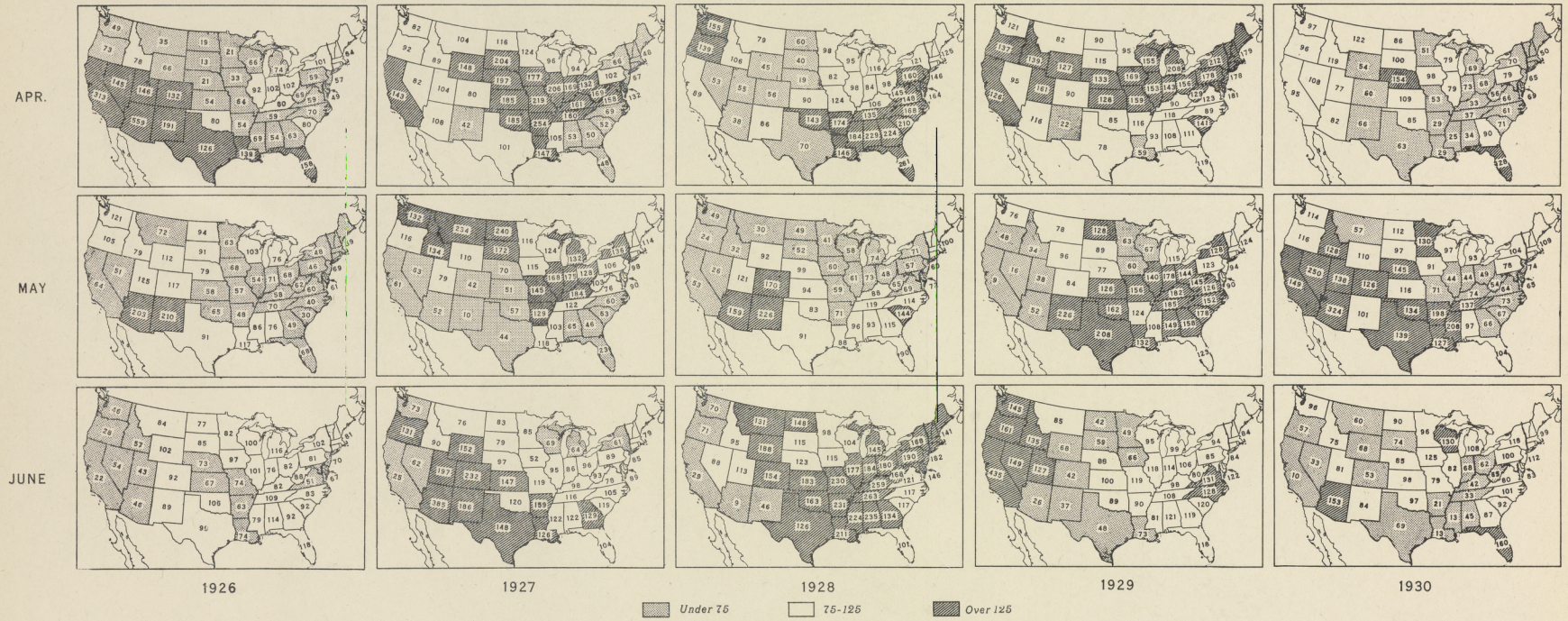

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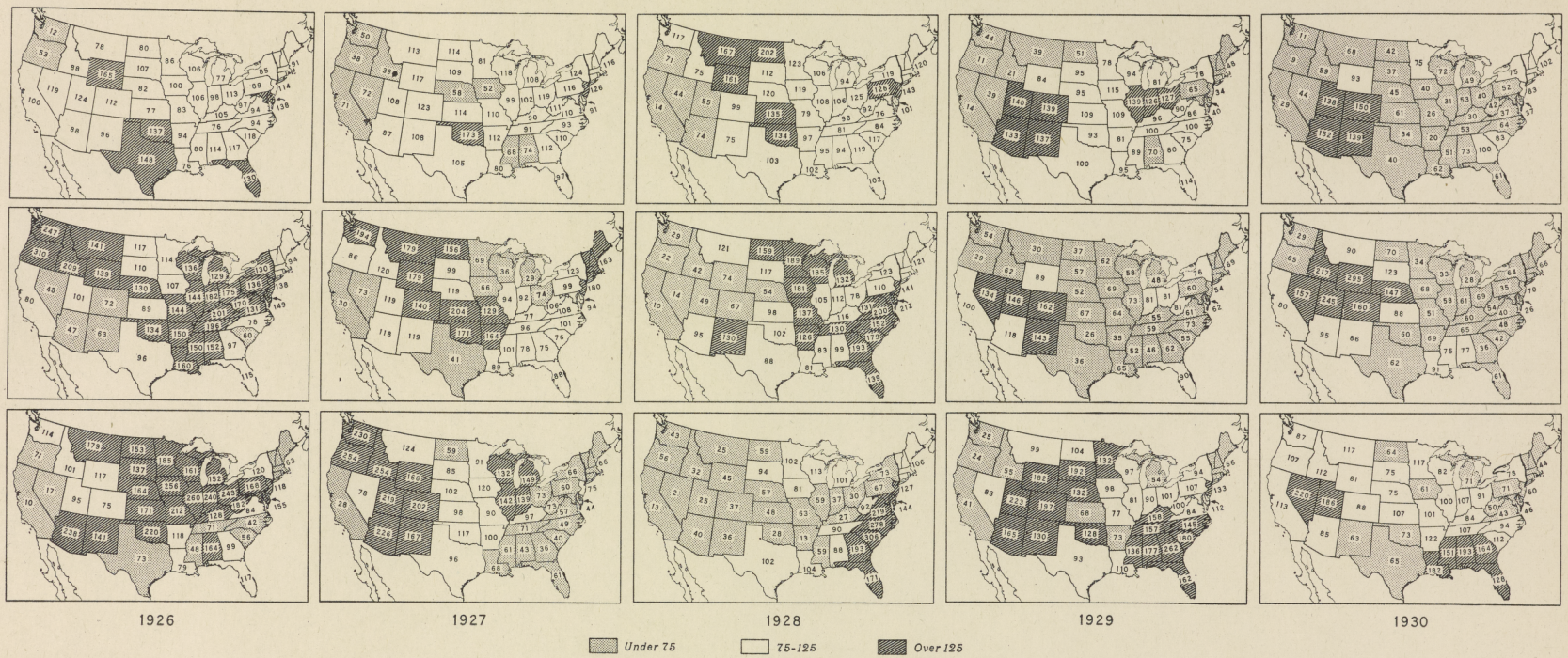
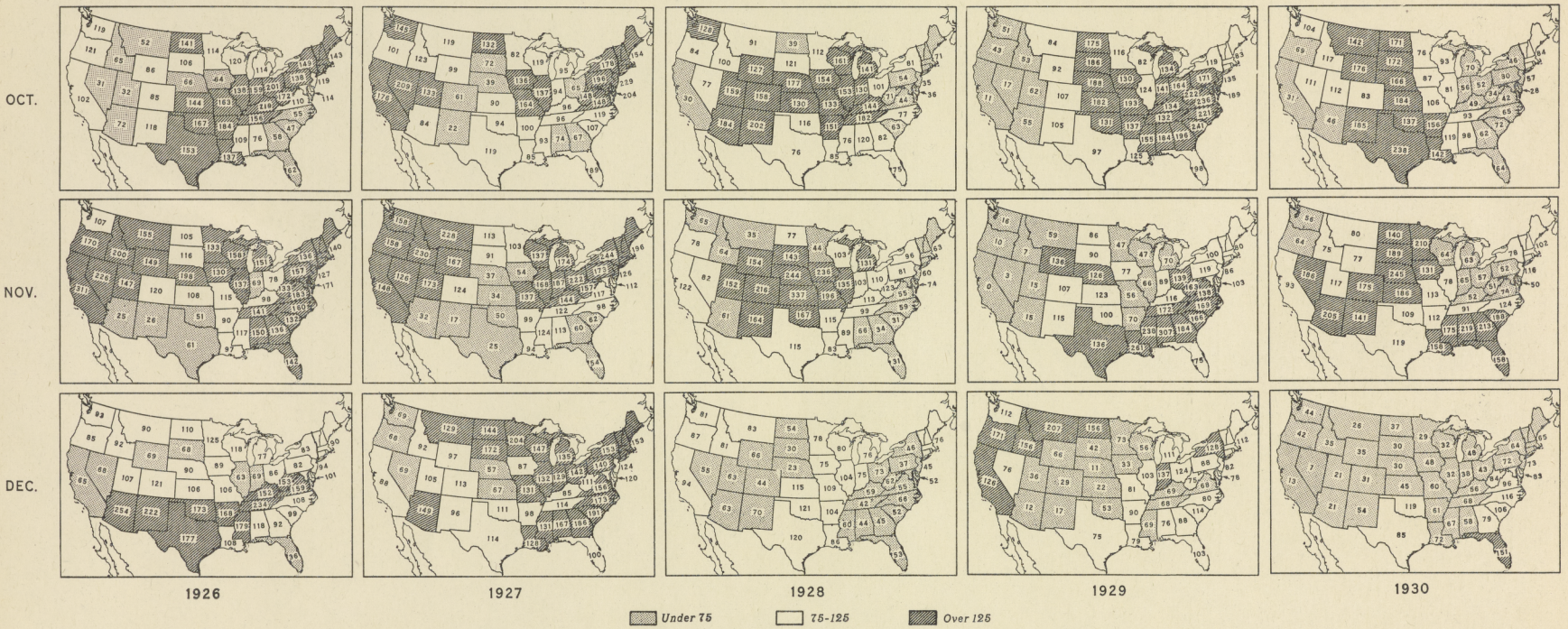
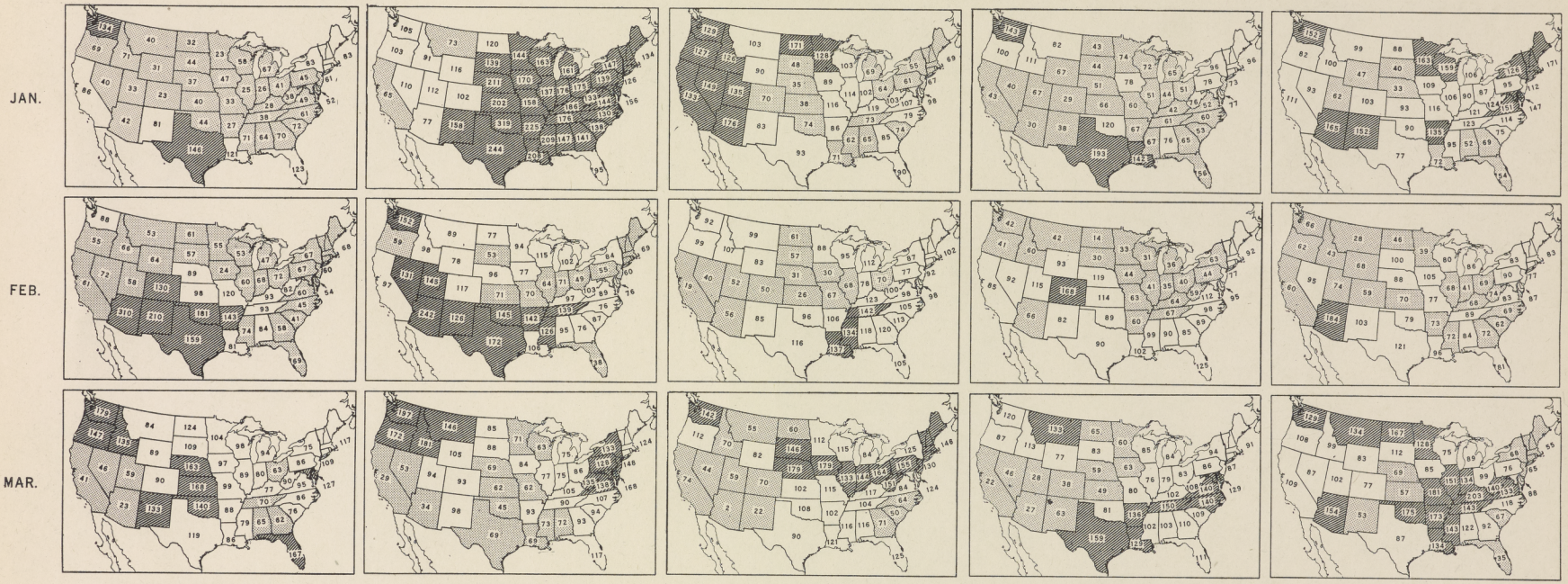


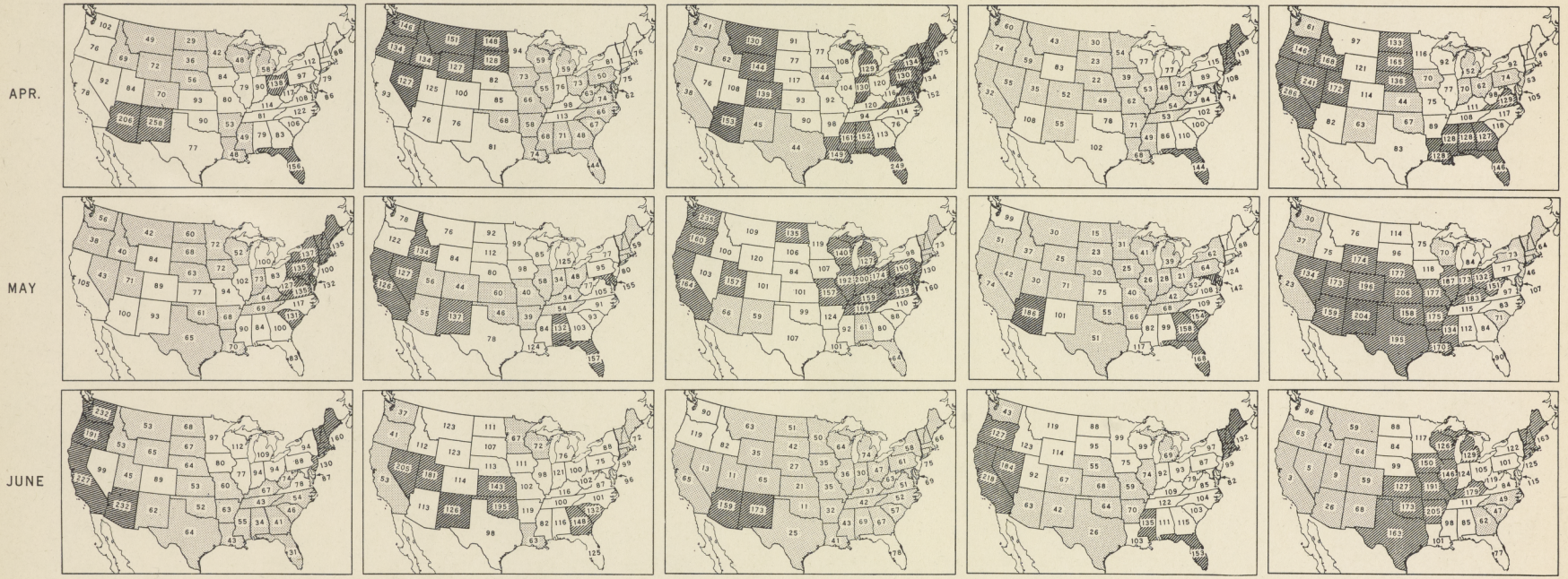
PERCENTAGE OF NORMAL PRECIPITATION, 1926-30



PERCENTAGE OF NORMAL PRECIPITATION, 1931-35



PERCENTAGE OF NORMAL PRECIPITATION, 1931-35



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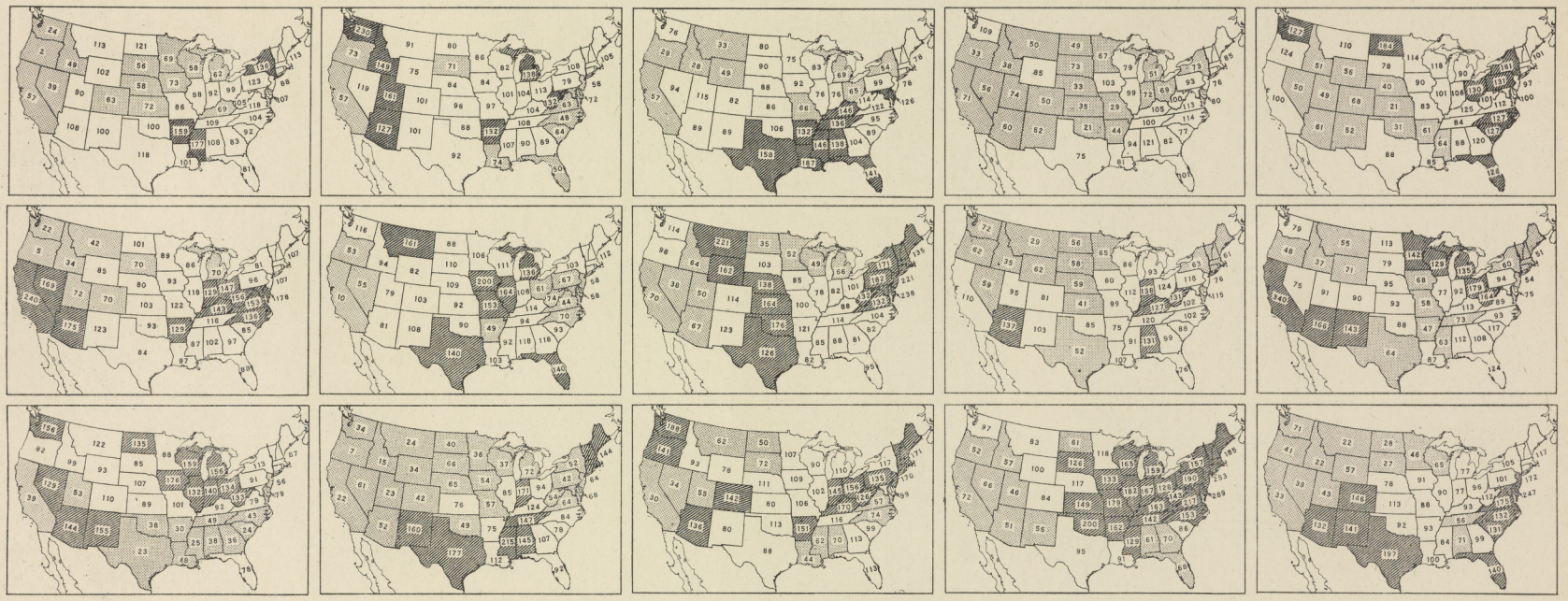

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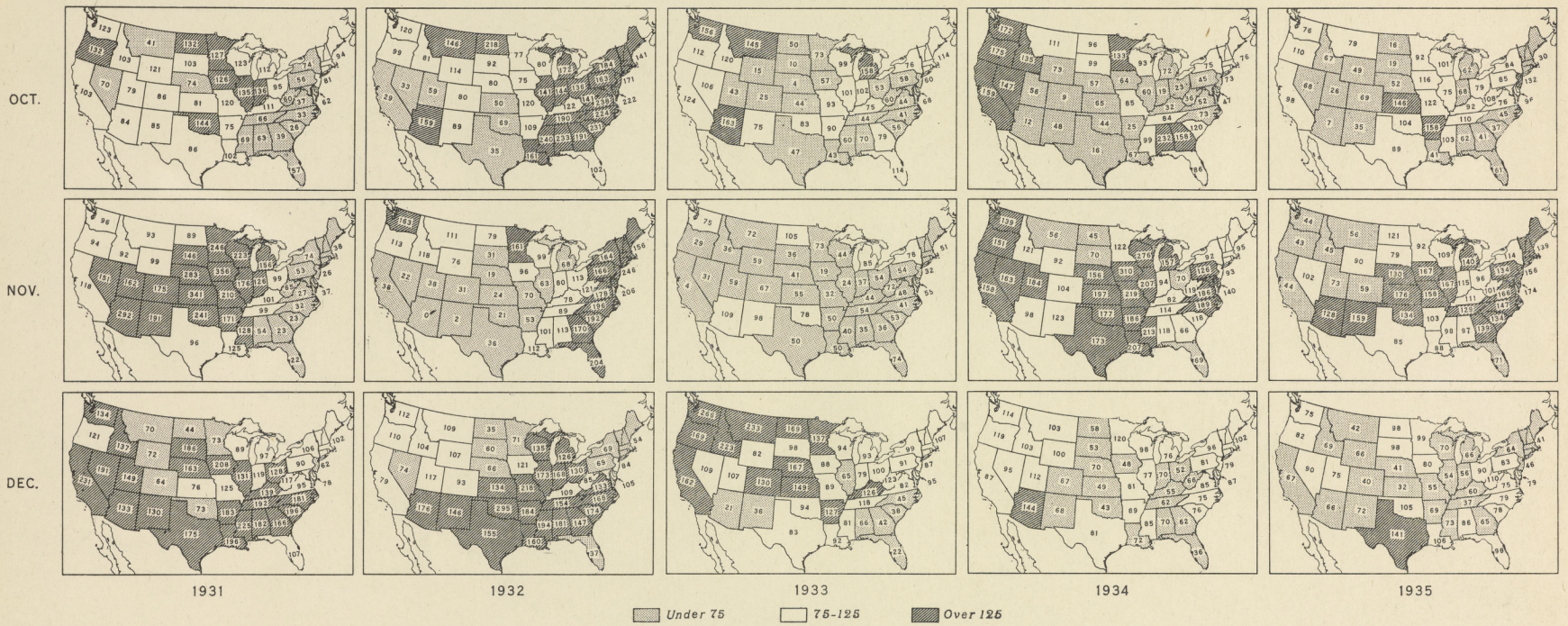

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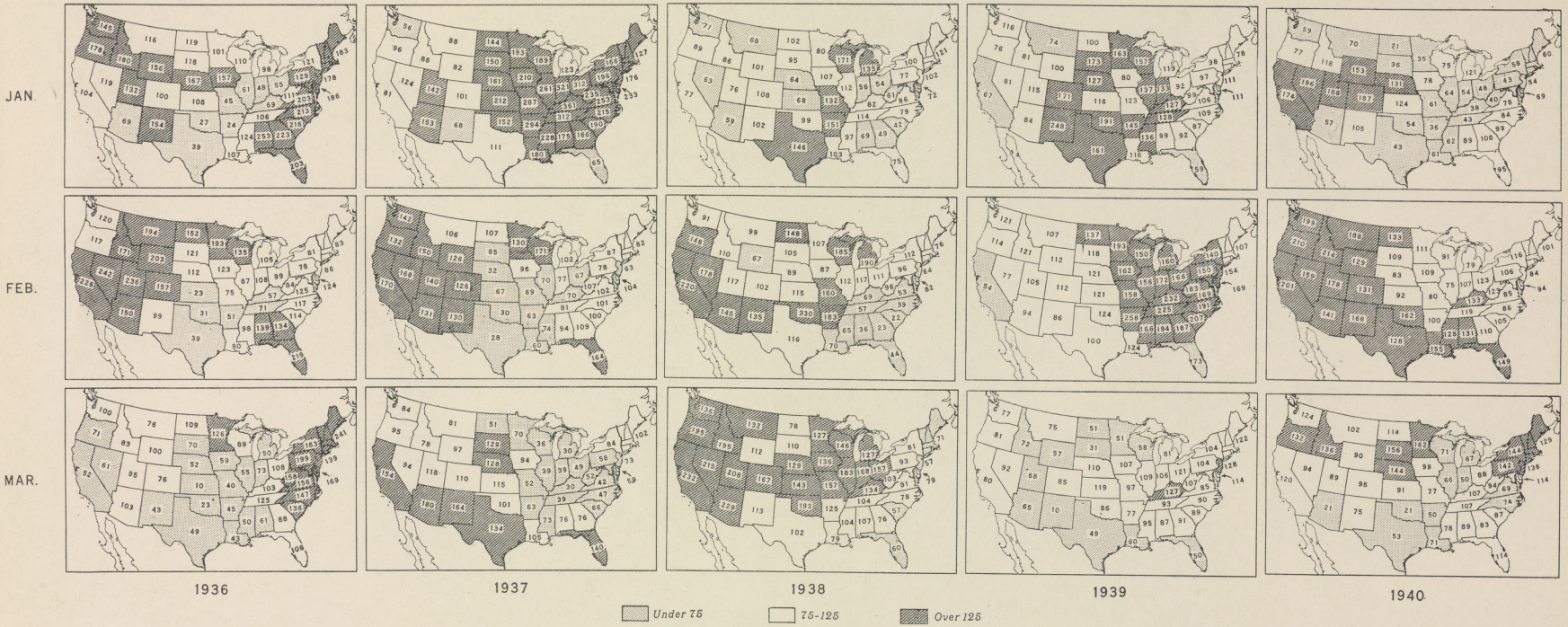
PERCENTAGE OF NORMAL PRECIPITATION, 1936-40



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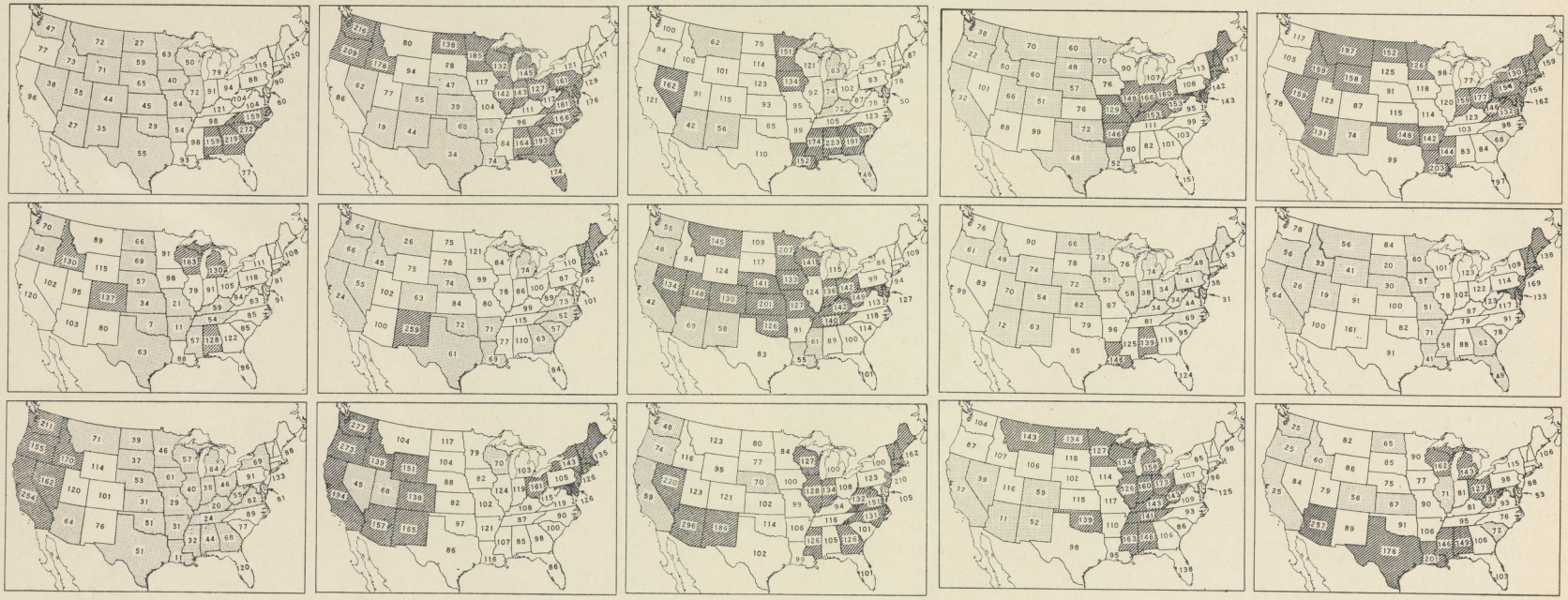

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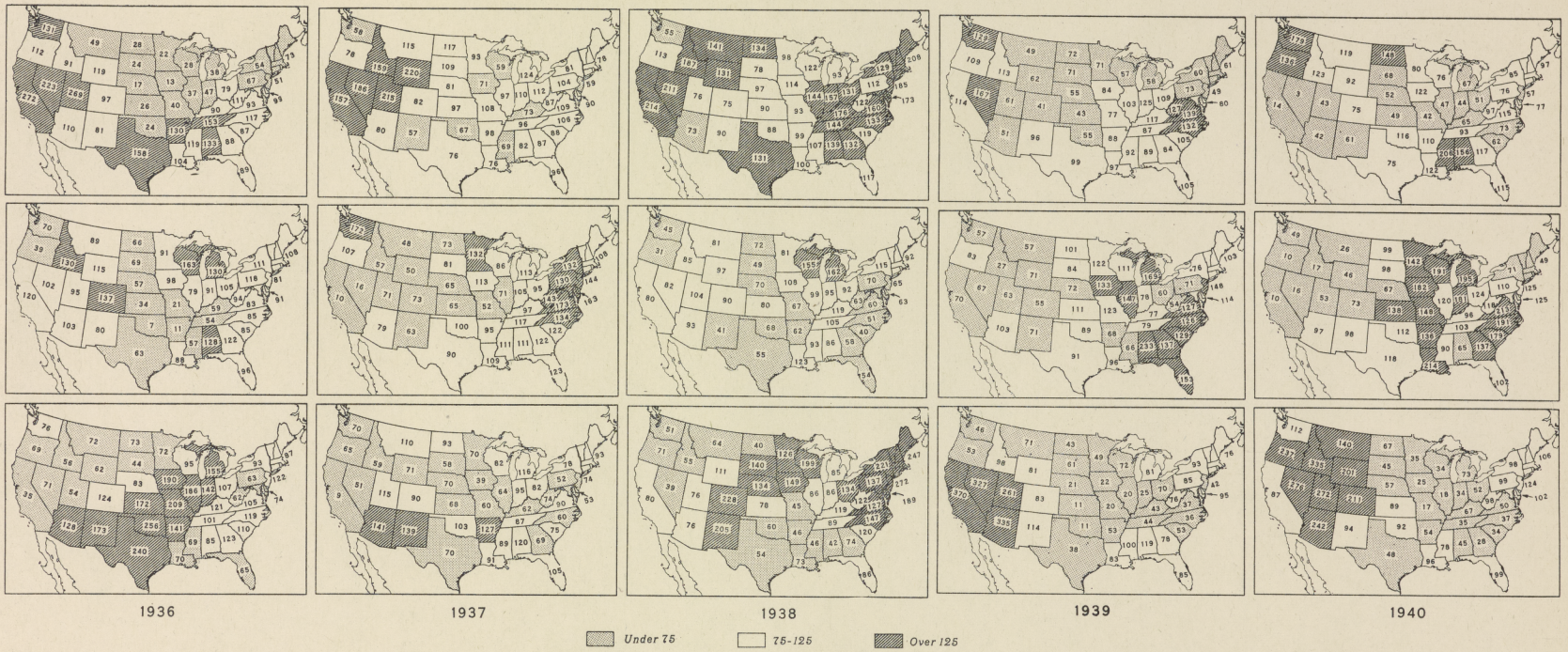

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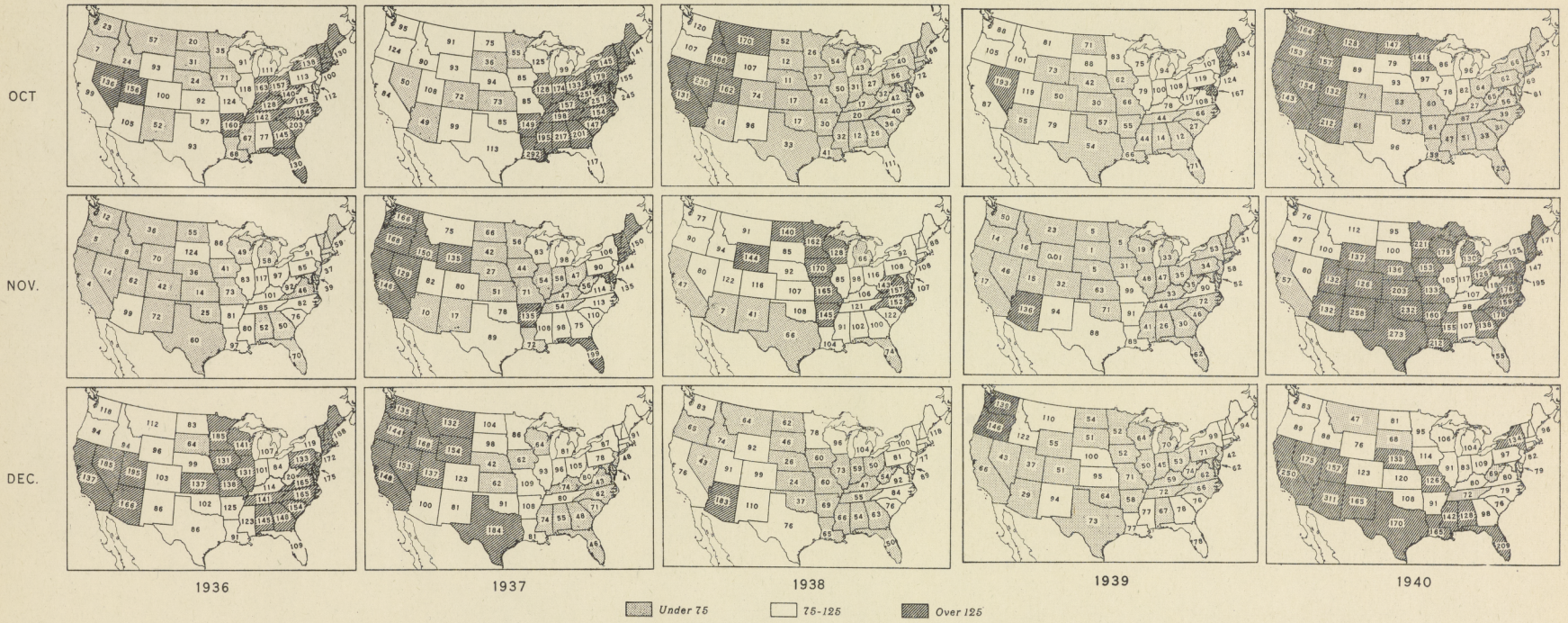
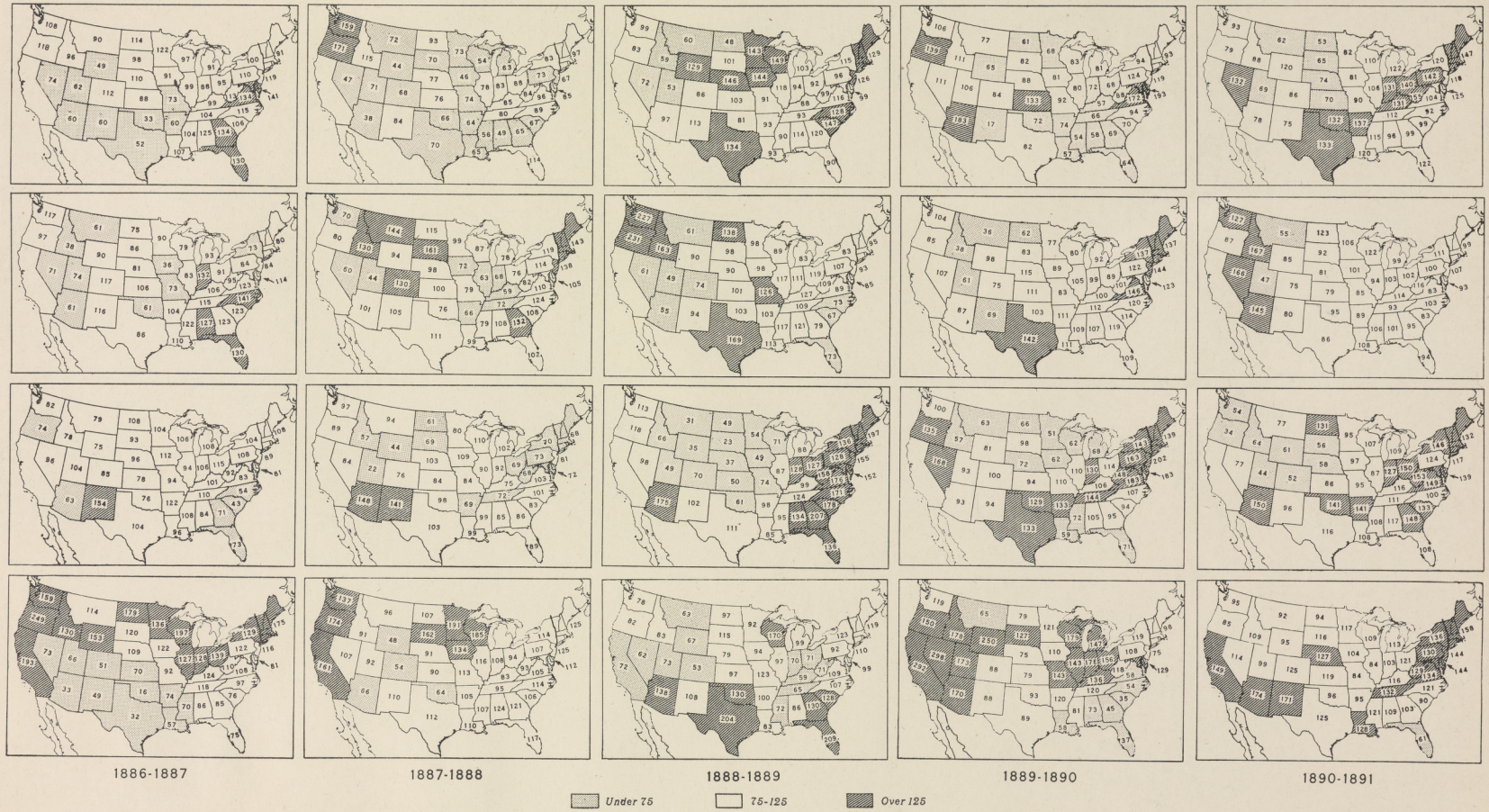
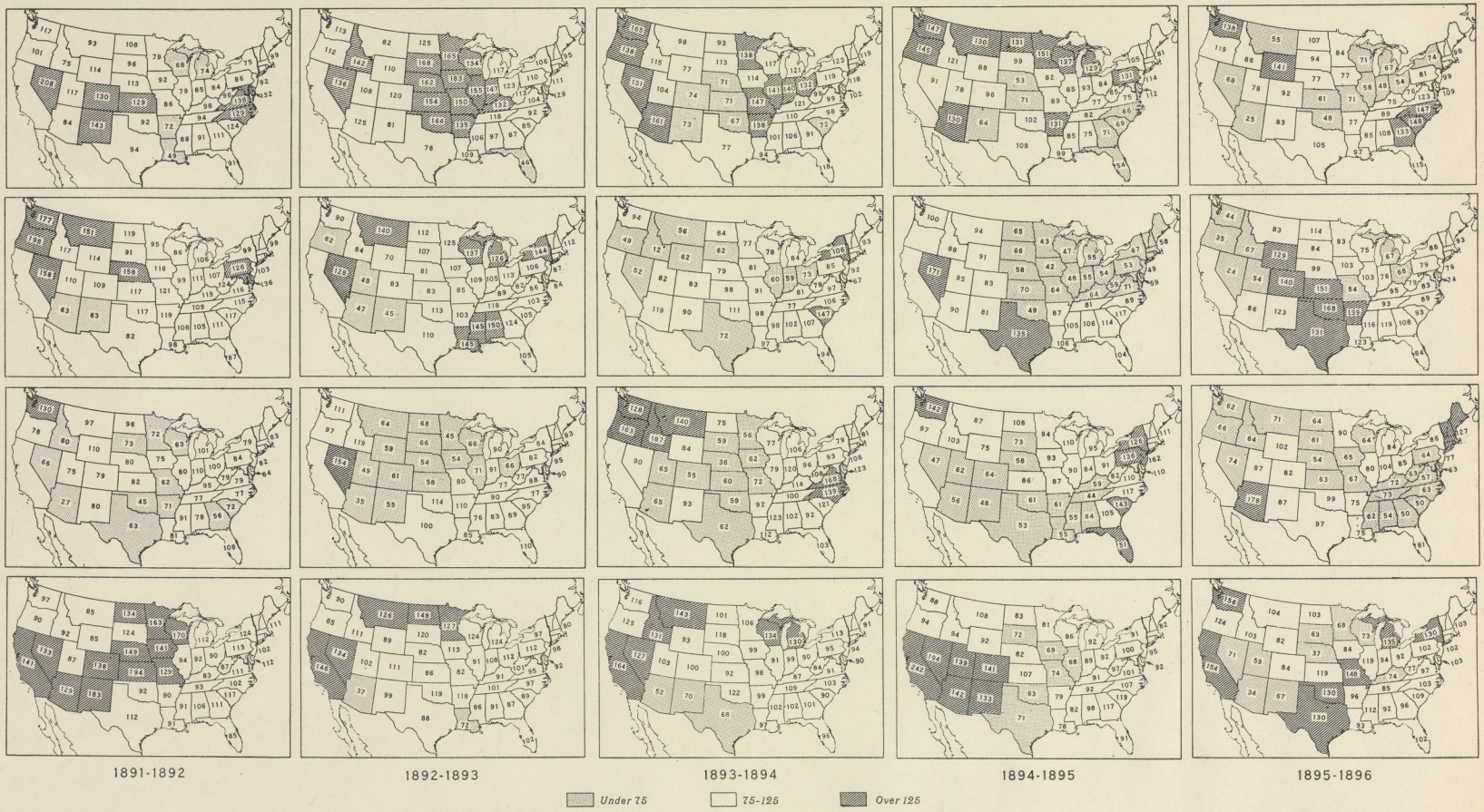


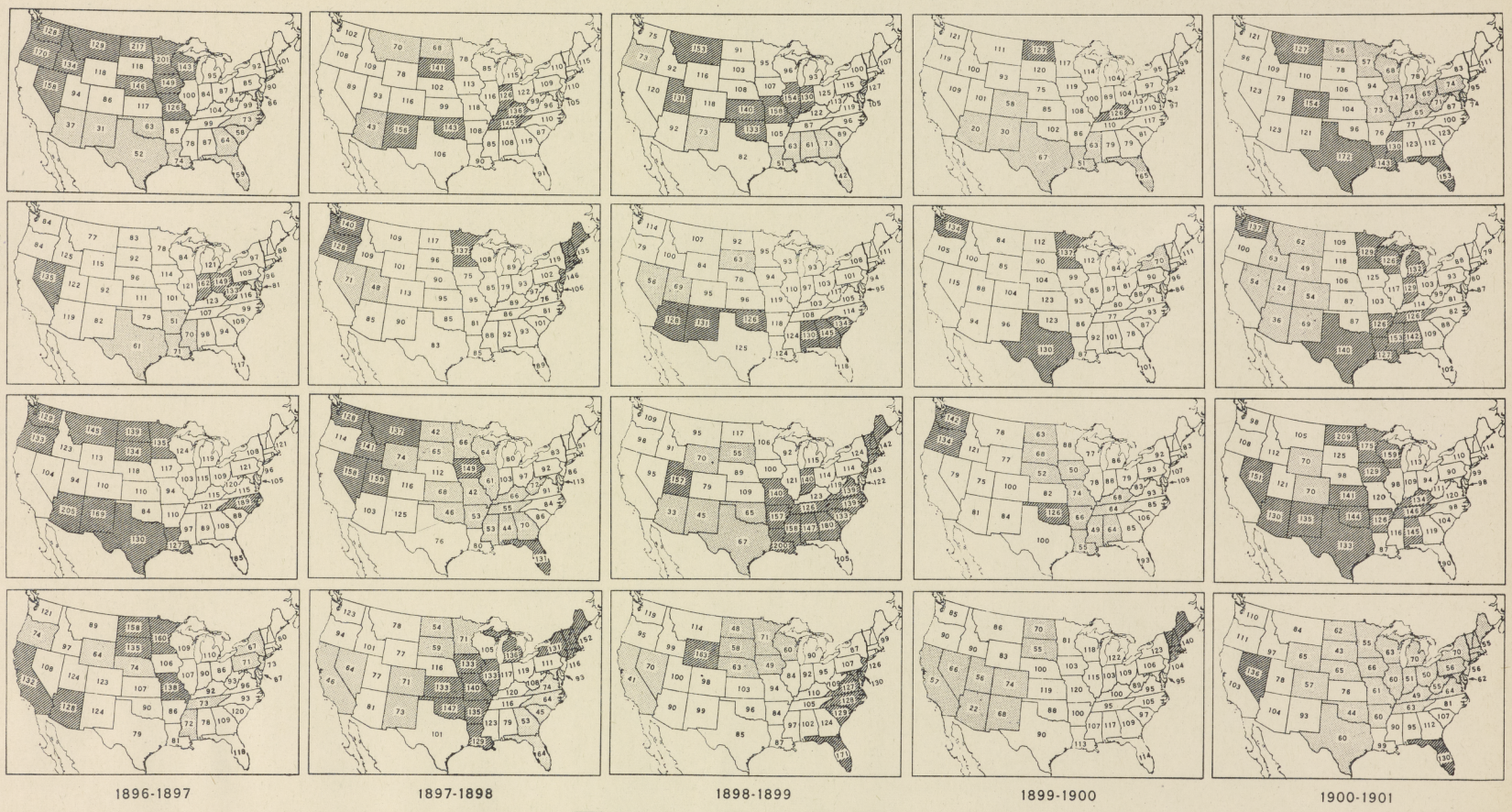
PERCENTAGE OF NORMAL PRECIPITATION, 1886-87–1890-91



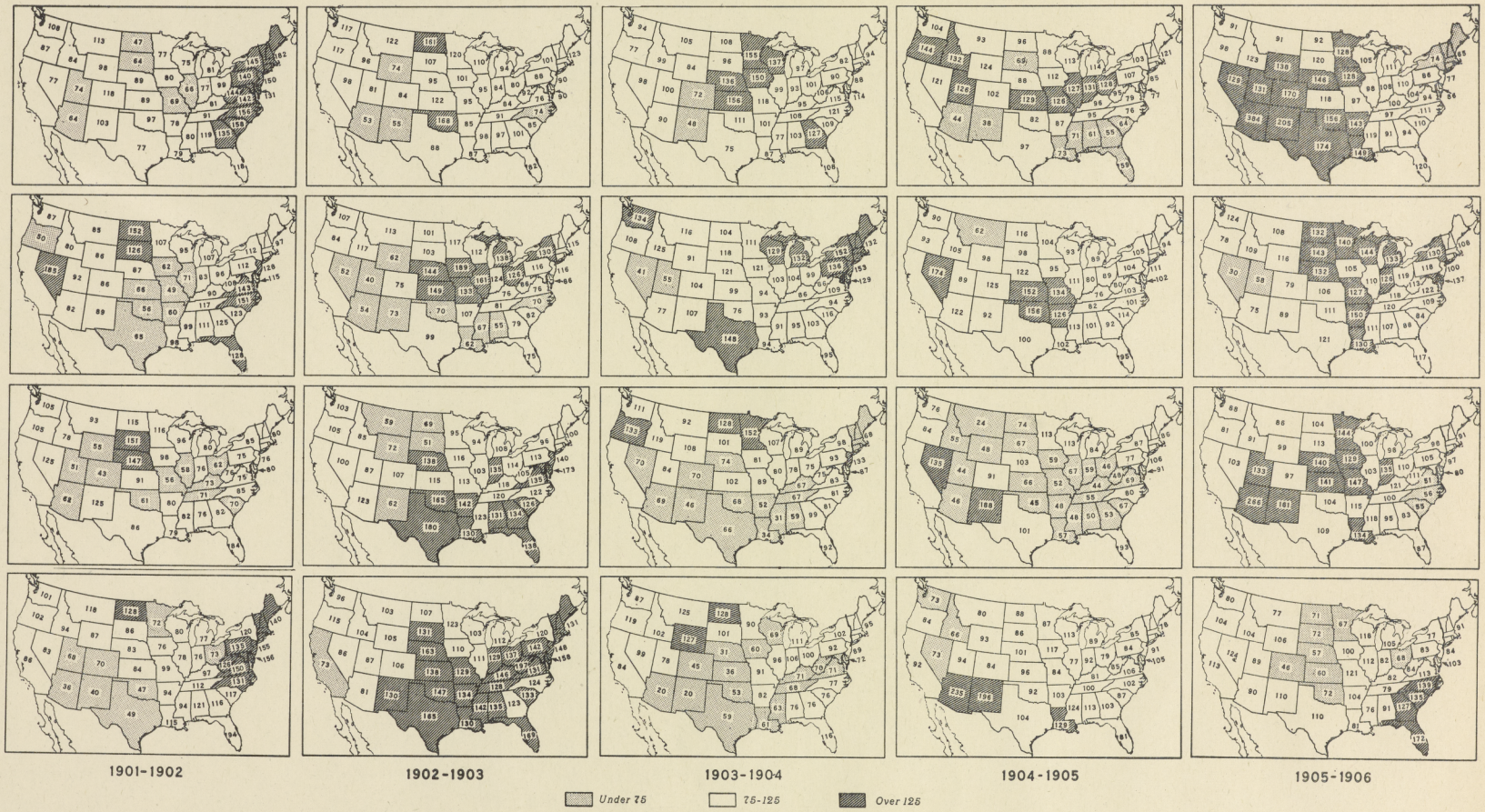
PERCENTAGE OF NORMAL PRECIPITATION, 1891-92–1895-96



PERCENTAGE OF NORMAL PRECIPITATION, 1896-97–1900-01



PERCENTAGE OF NORMAL PRECIPITATION, 1901-02–1905-06



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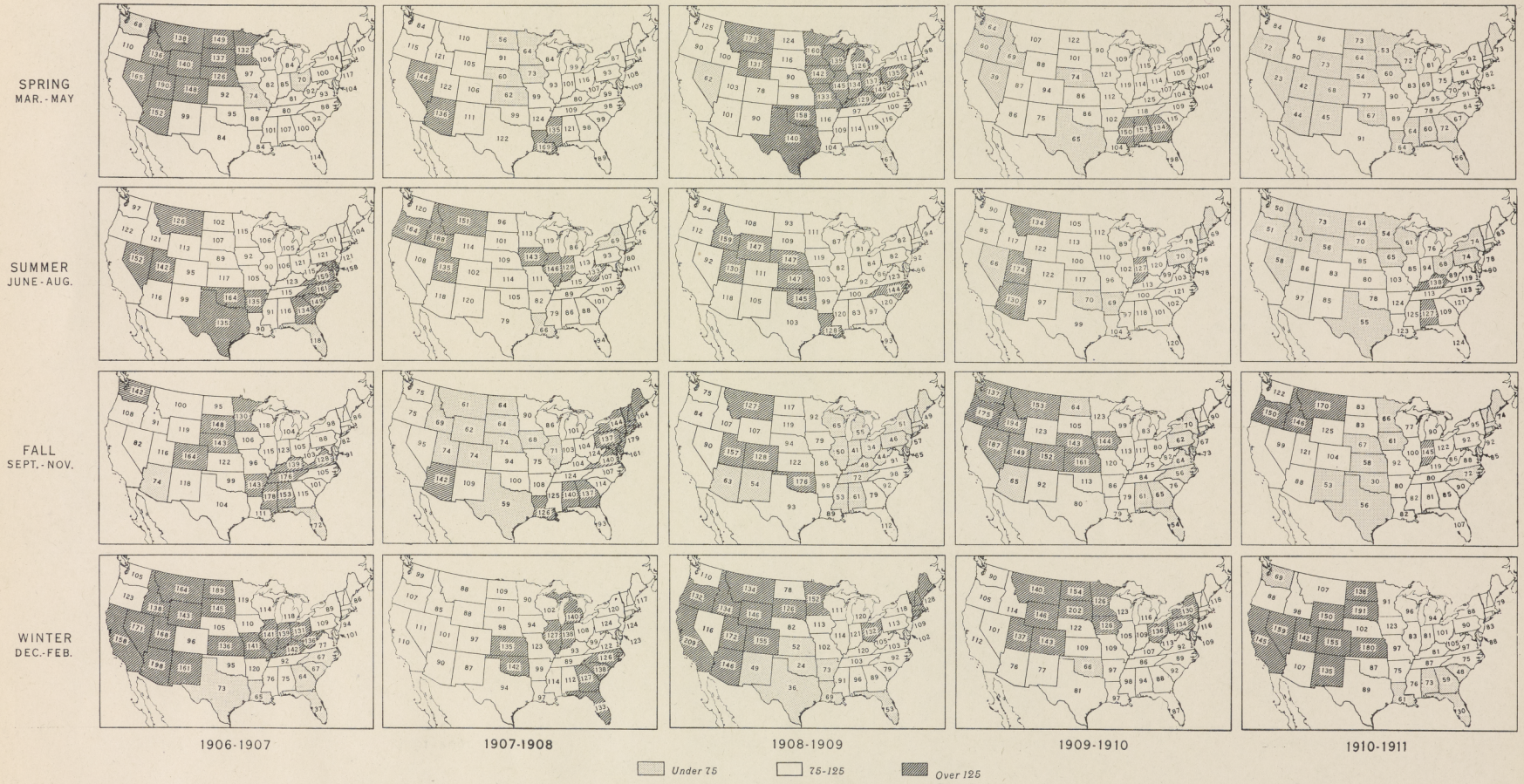
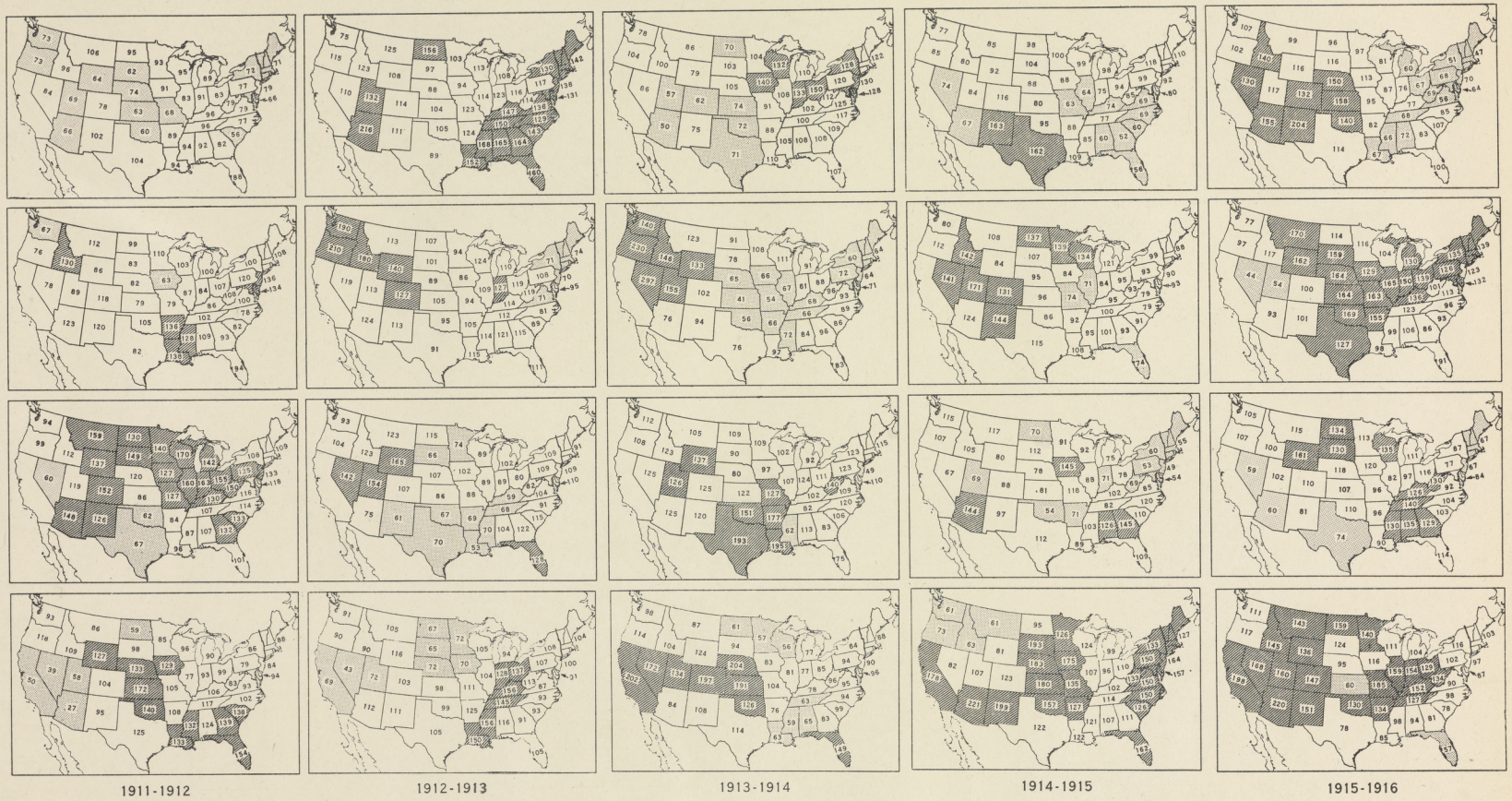
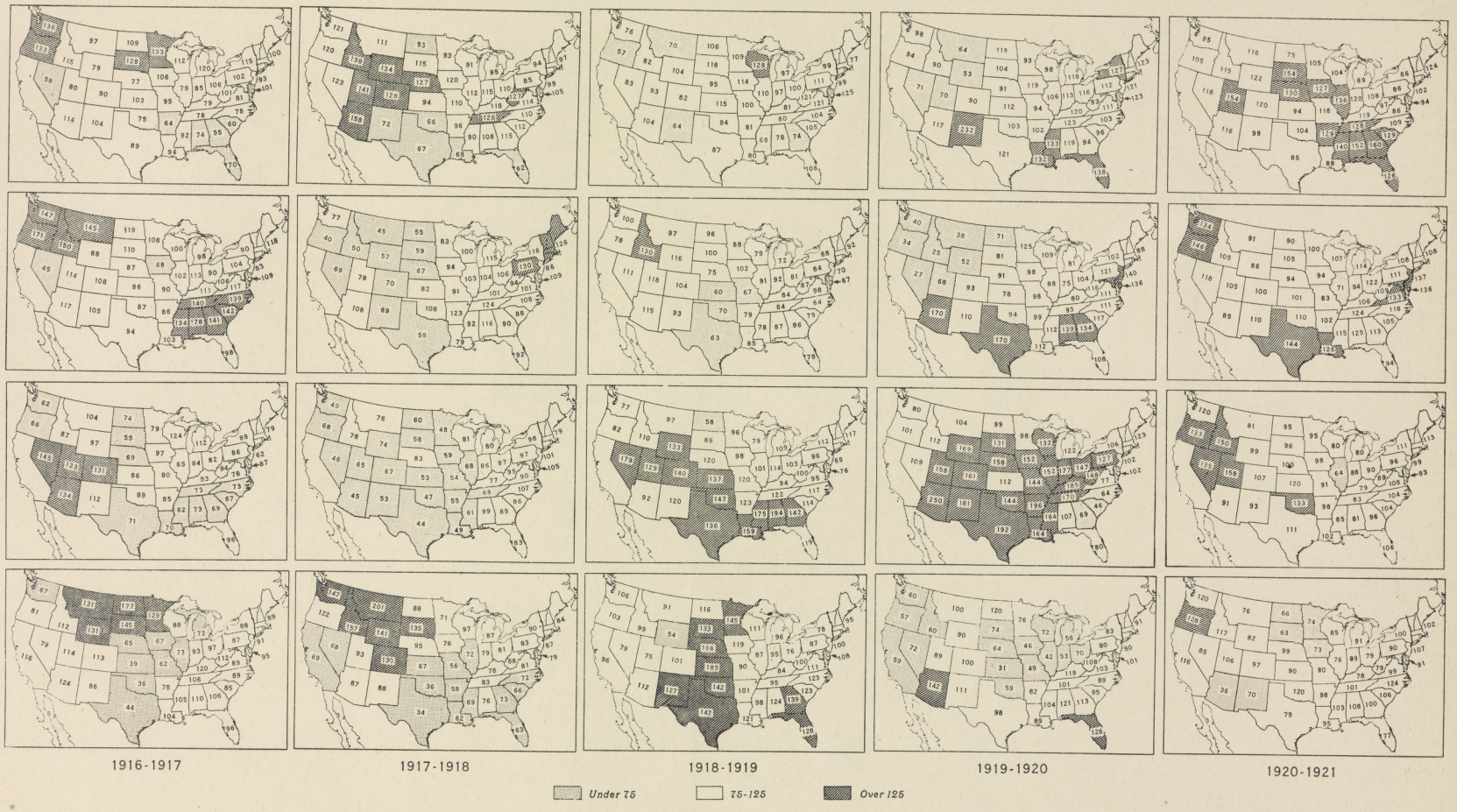
PERCENTAGE OF NORMAL PRECIPITATION, 1906-07–1910-11



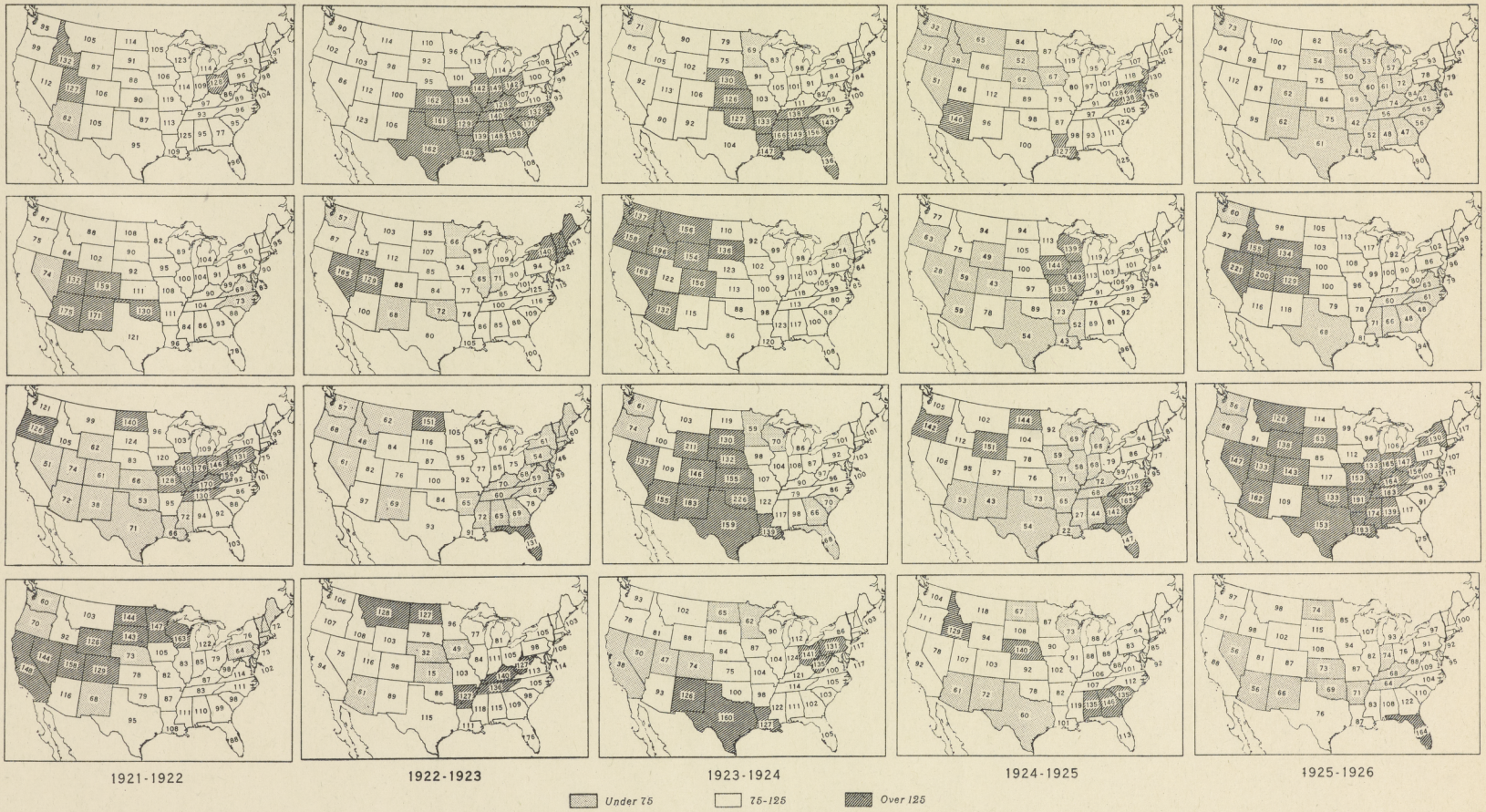
PERCENTAGE OF NORMAL PRECIPITATION, 1911-12–1915-16



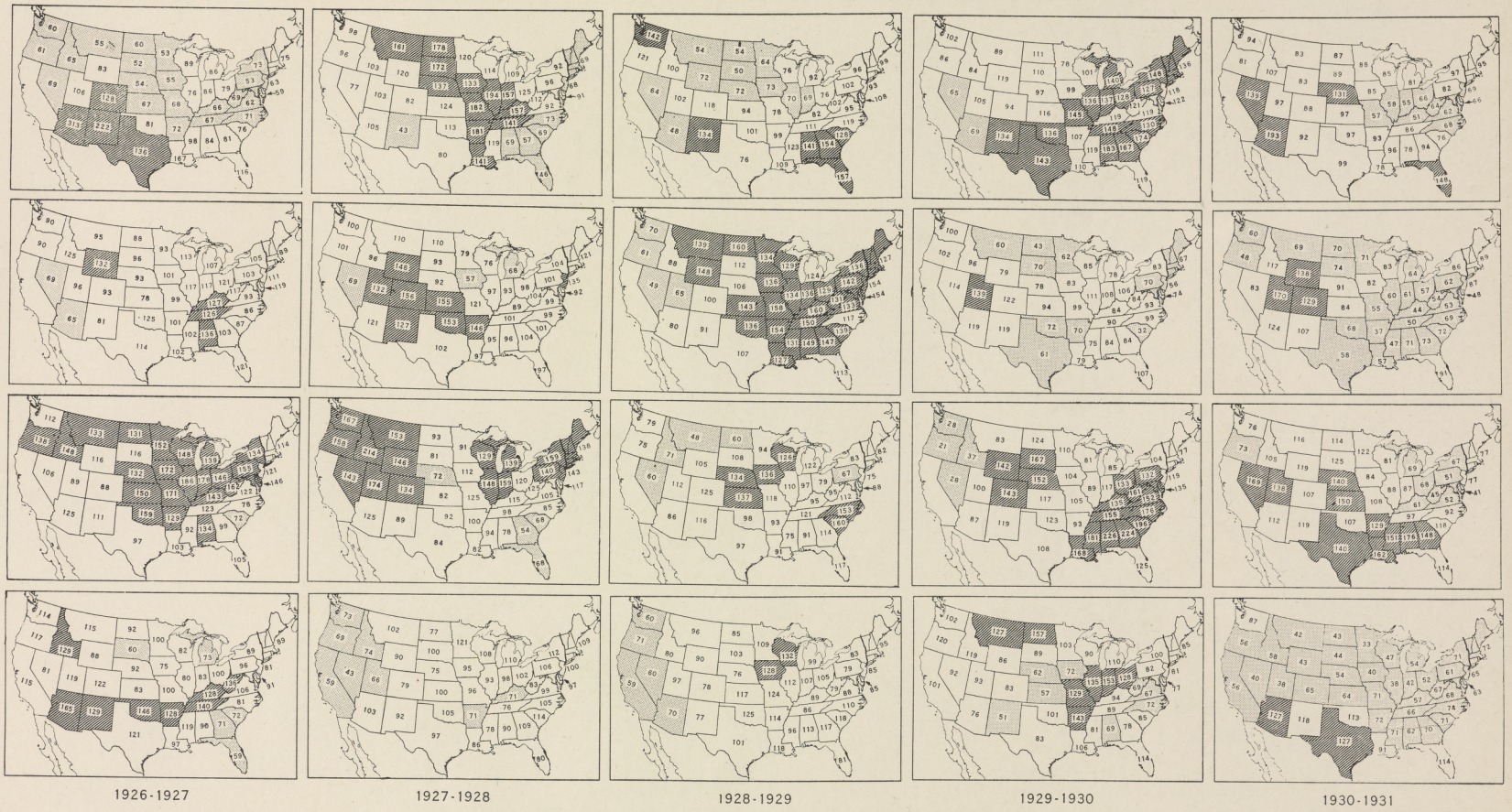
PERCENTAGE OF NORMAL PRECIPITATION, 1916-17–1920-21



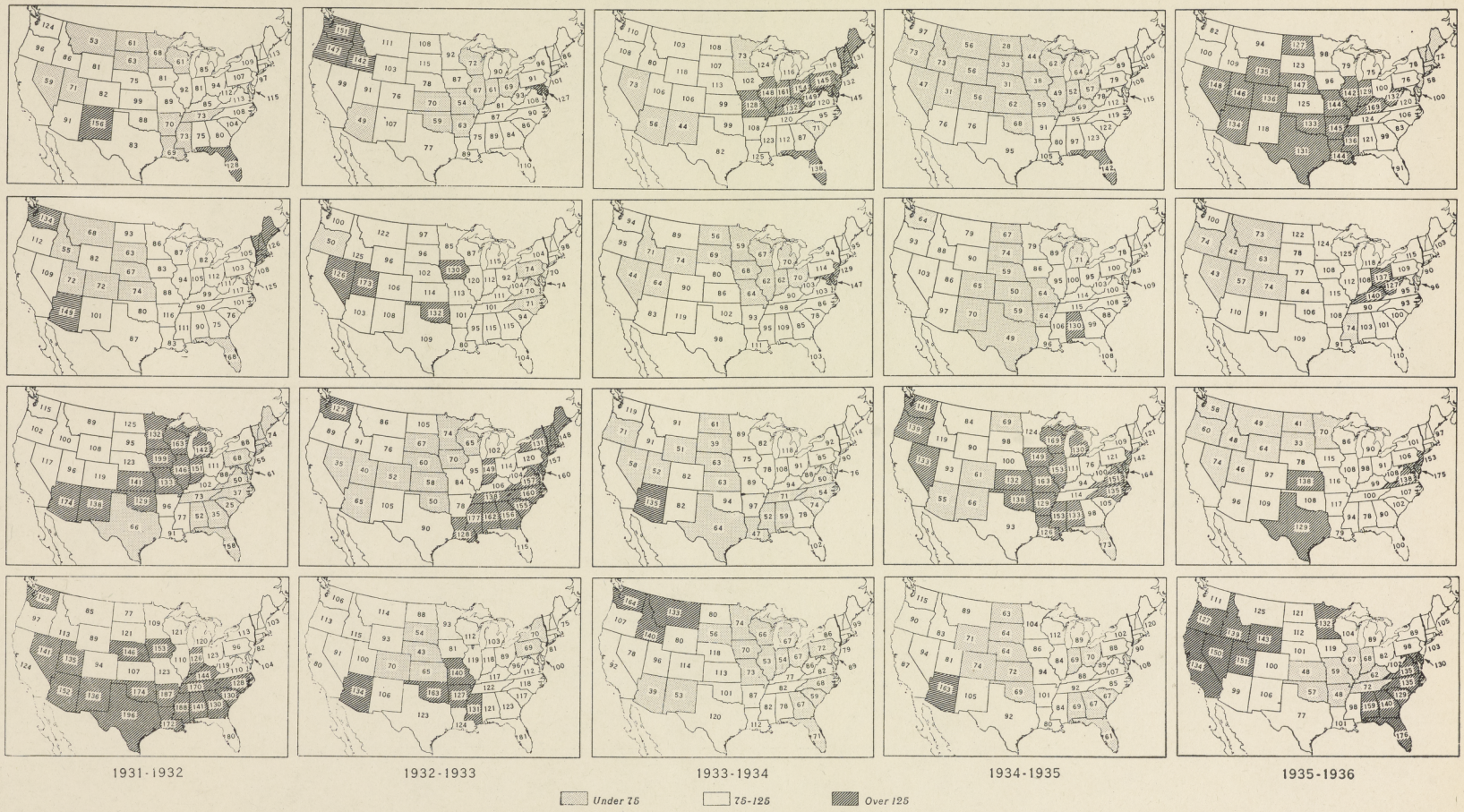
PERCENTAGE OF NORMAL PRECIPITATION, 1921-22–1925-26



PERCENTAGE OF NORMAL PRECIPITATION, 1926-27–1930-31



PERCENTAGE OF NORMAL PRECIPITATION, 1931-32--1935-36



PERCENTAGE OF NORMAL PRECIPITATION. 1936-37-1940-41

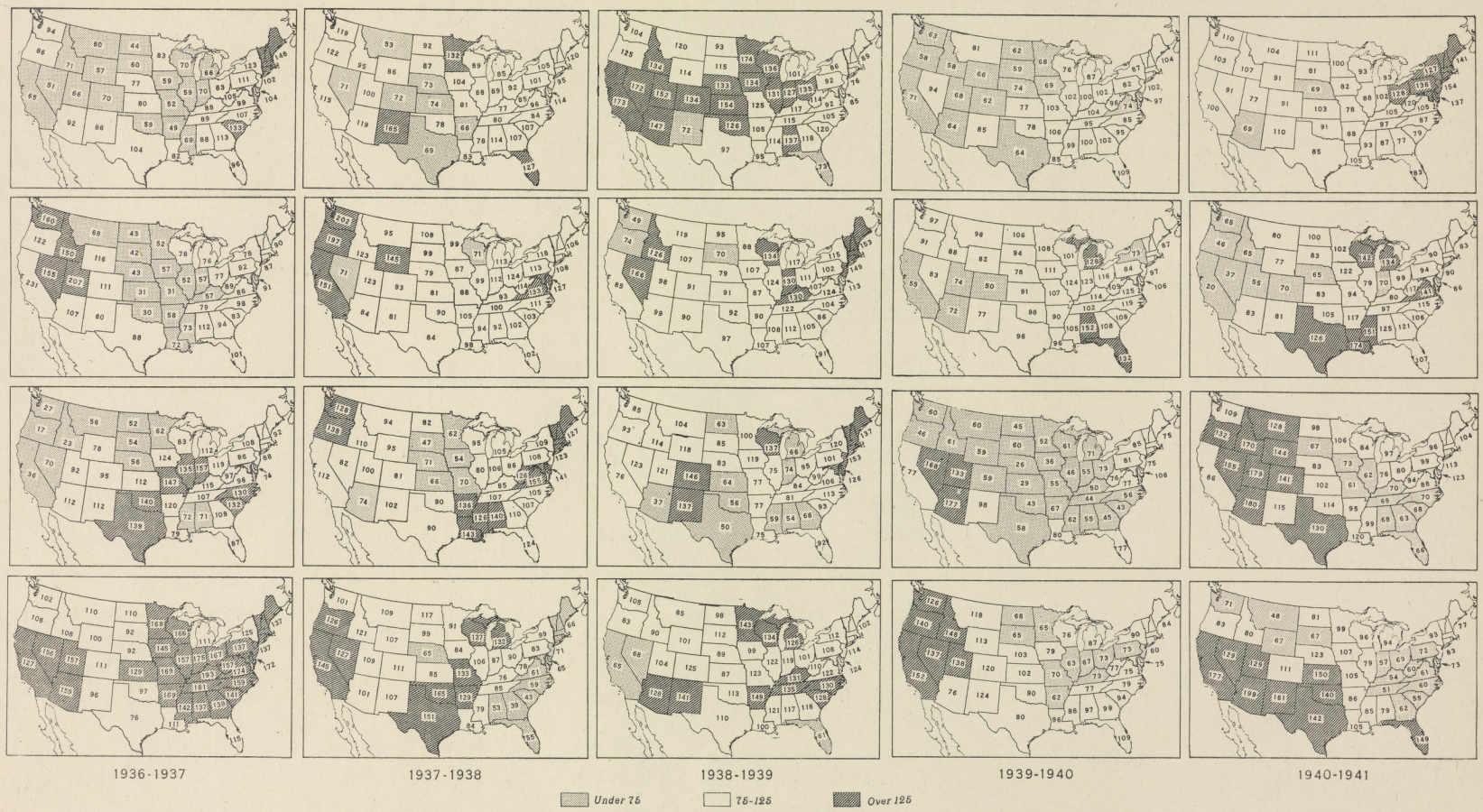


TABLE 1.—*Alabama: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1884	+0.53	+0.90	+2.99	+0.11	−1.42	+2.73	+ 0.38	−2.38	−2.64	−1.30	−0.67	+0.25
1885	+3.72	−1.68	−2.49	− .70	+1.94	− .58	− 1.40	− .88	+2.07	+ .04	+1.41	−1.48
1886	+2.00	−2.28	+3.73	+ .12	− .44	+4.04	− 1.40	− .32	−1.67	−2.34	+2.56	−1.77
1887	− .88	+ .37	−3.87	−2.40	−1.10	− .51	+ 2.20	−1.84	+ .06	+ .69	−2.08	+3.81
1888	− .29	− .02	+3.77	−2.22	+ .20	+1.16	− 2.20	+2.70	+1.48	+1.31	+ .43	−2.00
1889	+1.01	−1.22	−2.55	−1.26	−2.26	+ .43	+ .77	−1.40	+ .76	−1.93	+1.65	−3.80
1890	−1.92	+1.51	− .81	−1.20	+1.25	−1.03	+ .24	− .21	+2.97	+1.34	−2.74	−2.51
1891	+ .46	+3.26	+2.56	−2.19	−1.82	+ .83	+ .56	−1.94	−1.32	−2.49	+1.77	+ .07
1892	+2.70	−2.04	+ .25	− .16	− .65	+ .45	+ 3.47	+1.54	− .08	−2.17	+ .69	− .29
1893	−2.37	+1.11	−2.36	− .40	+3.41	+ .64	− 1.93	+ .33	+1.19	− .58	− .45	−1.58
1894	− .45	+2.16	−1.08	− .97	−1.55	−2.08	− .46	+2.24	− .70	− .19	−2.43	− .17
1895	+2.36	−2.62	+1.69	− .70	− .03	+1.29	− .46	+ .56	−1.82	− .72	−1.68	−1.05
1896	− .83	+ .51	− .70	− .79	− .47	+1.08	− .15	−2.32	−1.52	− .34	+ .85	−3.17
1897	−1.52	+1.25	+3.67	− .26	−2.41	−2.48	− .68	+ .94	−2.63	−1.41	−1.19	+ .92
1898	−1.01	−3.23	−2.63	− .02	−3.03	− .69	+ .61	+2.84	+ .53	+1.48	+2.41	−1.27
1899	+ .61	+ .77	+ .71	−1.98	−1.91	−1.48	+ 1.36	− .96	−2.61	− .52	− .20	+ .95
1900	−1.72	+3.15	− .11	+4.47	−1.30	+6.73	− .57	−1.73	+ .73	+2.79	+ .64	− .02
1901	+ .15	−1.08	+ .42	+ .85	+1.16	−1.52	− 2.05	+3.80	+ .80	−1.67	−1.32	+2.97
1902	−1.23	+1.26	+2.92	−2.13	−1.29	−3.09	− 2.95	−1.13	+ .96	+ .93	+ .97	+ .95
1903	−1.48	+5.58	− .09	−1.82	+2.15	+ .61	− 1.44	−1.03	−1.79	− .89	−1.14	−1.80
1904	− .78	−1.24	−2.35	−2.31	− .97	−1.46	− .58	+ .95	−1.94	−2.41	− .29	− .51
1905	+ .19	+2.11	−2.04	− .86	+1.45	+ .05	− .61	+2.84	+ .53	+1.48	+2.41	−1.27
1906	− .39	−2.80	+3.34	−3.43	+ .90	− .90	+ 2.83	−1.02	+5.14	+ .71	− .82	− .73
1907	−2.86	− .33	−2.94	+1.98	+3.86	−1.45	− .42	−1.20	+2.13	−1.31	+2.99	+1.43
1908	− .72	+ .95	−1.09	+1.54	+1.34	−1.57	− .66	−1.23	− .95	− .96	−1.67	− .07
1909	−2.96	+2.20	+3.02	+2.21	+2.67	+3.54	− .92	−1.37	− .46	−1.15	−1.99	+ .43
1910	−1.52	+ .09	−4.65	−1.06	− .06	+2.67	+ 1.68	−2.00	−1.07	+ .47	−1.12	−1.33
1911	− .82	−2.03	−3.45	+3.29	−1.07	− .45	+ .20	+ .28	− .96	+ .39	+1.25	+2.81
1912	+ .98	− .32	+3.85	+5.54	− .32	+ .80	− .31	+1.02	+1.42	+ .28	−1.27	+1.68
1913	+1.07	+ .43	+3.88	−2.12	− .77	− .46	− 2.10	+3.67	− .52	−1.85	− .01	−1.49
1914	−2.86	−1.12	−2.35	− .62	−2.88	−1.65	− 1.29	+1.85	+1.41	+ .15	+ .92	+ .24
1915	+1.12	− .52	−2.65	−3.89	+2.42	− .64	− .22	+ .40	+1.15	+2.20	− .09	+1.37
1916	−1.08	−1.31	−2.87	−1.32	+ .39	− .96	+11.23	−1.07	−1.10	− .99	− .39	− .42
1917	+1.55	+ .22	+3.49	− .98	−1.55	−1.10	+ .58	+1.50	+3.14	−1.27	−1.85	−3.09
1918	+2.30	−2.92	−5.05	+3.14	−1.41	− .09	− 1.59	−1.11	+ .98	+5.94	+1.85	+1.08
1919	+ .79	+1.62	+1.37	− .98	+2.15	− .14	+ 1.18	+2.87	−2.51	+1.90	+1.33	+2.46
1920	−1.75	+ .20	+1.41	+4.75	+1.19	− .77	− .18	+2.15	+ .03	−1.61	− .16	+2.97
1921	−1.82	− .10	− .96	+2.07	−1.94	−2.48	− .29	− .29	− .55	− .41	+ .42	−1.41
1922	+2.01	+ .80	+4.26	− .34	+2.78	− .67	− 1.07	−1.40	−1.77	− .17	−1.32	+2.57
1923	−1.05	+ .62	+ .50	+1.53	+4.69	− .32	− .23	+1.61	−2.07	− .08	+2.01	+ .56
1924	+1.62	− .72	−2.54	+1.12	+ .30	+1.04	− 1.91	−1.80	+ .13	−2.42	−2.96	+2.27
1925	+4.62	−1.78	−2.89	−2.95	−1.59	−2.06	− .57	−3.15	− .57	+3.02	+1.25	−1.23
1926	+3.18	− .89	+ .66	−2.14	− .93	+ .61	+ .67	+2.23	+2.14	− .63	+1.71	+1.08
1927	−3.91	+1.14	−1.00	−2.18	−1.37	+ .97	− 1.43	−1.13	−1.85	− .69	− .47	+3.36
1928	−3.48	−1.52	+ .38	+5.40	− .26	+5.85	− .35	− .12	− .36	+ .61	−1.06	−2.68
1929	+ .62	+3.86	+9.49	+ .17	+1.94	+ .92	− 1.68	−2.57	+2.57	+2.37	+6.81	−1.12
1930	− .60	−3.05	− .22	−2.99	− .10	−2.36	− 1.50	−1.17	+3.10	− .01	+3.97	−2.00
1931	−1.94	−1.90	−2.00	−1.04	− .60	−2.81	+ .37	− .04	−2.03	− .97	−1.45	+4.09
1932	+2.15	− .29	−1.59	−1.42	+1.25	+ .70	− .61	+ .69	+1.52	+3.74	+ .50	+4.02
1933	−1.88	+ .90	+1.01	+2.04	−1.51	−1.27	+ 2.00	− .68	− .98	− .78	−2.06	−1.02
1934	−1.34	− .58	− .26	− .78	− .01	+ .48	+ 1.08	+1.30	−1.26	+3.69	+ .66	−1.43
1935	−2.52	− .90	+1.41	+1.04	+ .47	− .61	− .69	+ .44	− .93	−1.00	− .04	− .60
1936	+7.29	+2.03	−2.23	+2.36	−2.01	−2.40	+ 1.75	+1.09	− .48	− .61	−1.49	+2.25
1937	+3.49	− .38	−1.32	+2.57	+ .38	− .65	− .99	+ .37	+ .68	+3.27	− .02	−2.12
1938	−1.66	−3.41	+ .49	+5.07	− .44	+ .24	+ 2.08	− .78	−1.88	−2.40	+ .14	−2.20
1939	− .24	+4.90	− .71	− .94	+1.56	+1.99	− .64	+5.92	+ .64	−2.35	−2.36	−1.55
Average 1884–1939	5.05	5.31	5.86	4.46	3.92	4.31	5.46	4.67	3.28	2.73	3.21	4.84

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1884	− 7.9	+ 4.6	+2.5	−1.0	+1.8	−3.1	+0.6	−1.4	+2.2	+5.1	−2.3	+ 0.3
1885	− 3.5	− 5.7	−6.1	+ .8	−1.5	+ .8	+ .5	0	−1.4	−4.8	−1.7	− 3.4
1886	− 9.4	− 4.8	−3.1	+ .2	+ .1	−1.5	− .9	− .2	+ .3	+ .1	−1.8	− 3.8
1887	− 3.2	+ 8.5	− .9	+ .7	+2.6	− .2	+ .7	+ .1	−1.1	−2.7	− .9	− 1.9
1888	− .6	+ 1.8	−2.8	+2.7	− .6	−1.0	+1.2	− .4	−4.0	−2.4	+ .6	− 1.5
1889	− .7	− 3.1	−2.0	+ .2	−1.9	−2.3	0	−2.3	−2.4	−3.0	−1.7	+10.9
1890	+ 9.4	+ 8.1	−2.6	+ .9	−1.3	+1.1	− .3	−2.2	−2.0	−2.1	+3.4	+ 2.2
1891	− 1.3	+ 5.9	−3.0	+ .2	−1.8	+1.3	−2.1	−1.2	−1.9	−3.7	−1.5	+ 2.1
1892	− 5.3	+ 3.4	−4.3	+1.7	− .3	− .1	−1.7	−1.0	−3.7	+ .2	− .7	− .4
1893	− 6.2	+ 3.7	−1.9	+3.4	− .4	− .9	+1.7	− .5	− .9	−1.7	− .6	+ 2.3
1894	+ 3.4	− .3	+3.0	+1.8	+ .6	− .6	−1.6	−1.0	− .2	− .8	−2.2	+ 1.3
1895	− 2.6	−11.0	−1.1	− .1	−1.3	0	− .2	+ .4	+2.8	−3.8	− .4	− 1.6
1896	− 2.2	− .7	−3.1	+4.7	+4.6	−1.1	+ .7	+2.5	+ .3	− .9	+3.7	− 1.0
1897	− 3.7	+ 2.6	+4.6	−1.2	−2.5	+2.8	+ .9	− .8	0	+2.5	+ .5	+ .6
1898	+ 3.1	− 2.7	+3.4	−5.1	+2.3	+2.2	− .3	− .9	− .2	−3.3	−3.9	− 3.1
1899	− 1.9	− 8.7	− .4	−1.6	+4.7	+1.6	+ .1	+1.6	−2.8	+1.6	+1.7	− 2.3
1900	− 2.3	− 4.5	−3.0	+ .3	+ .1	−1.8	− .4	+2.0	+2.2	+4.3	+1.1	− .4
1901	− .2	− 5.5	−2.6	−5.8	−1.1	+ .3	+2.0	−1.0	−3.3	−1.9	−5.1	− 5.5
1902	− 3.1	− 8.0	− .8	−1.6	+4.2	+2.7	+2.5	+2.5	−2.3	−1.1	+3.8	− 1.9
1903	− 2.7	− .4	+3.6	−2.5	−1.7	−4.8	− .2	+ .9	−2.5	−1.2	−2.9	− 6.4
1904	− 4.6	+ .6	+2.6	−3.2	−1.5	− .2	−1.8	−1.3	+1.3	+ .1	−1.6	− .5
1905	− 7.2	− 9.1	+3.9	+ .3	+3.3	+1.0	− .7	− .4	+ .6	− .2	+2.0	− 3.5
1906	+ .9	− 3.0	−4.1	+1.6	−1.4	+ .9	−1.3	+ .9	−2.8	−3.5	+2.0	+ 3.1
1907	+ 8.0	+ .5	+8.9	−4.9	−3.0	−2.5	+ .7	+ .9	− .7	−1.2	−2.4	− 1.0
1908	− 2.0	− 4.3	+6.6	+3.7	+ .3	− .6	− .3	− .2	−1.2	−4.0	+3.1	+ 3.4
1909	+ 3.7	+ 2.1	+ .5	− .2	−2.5	− .2	− .3	+1.3	− .6	− .8	+5.6	− 6.3
1910	− .8	− 3.3	+5.4	−1.7	−2.5	−2.7	−1.7	− .1	+1.8	+1.9	−2.6	− 4.7
1911	+ 4.2	+ 5.6	+2.3	+ .3	+1.5	+2.3	−2.3	− .6	+4.7	+4.1	−3.7	+ 2.9
1912	+ 5.9	− 5.8	−2.9	+1.0	+ .6	− 3.2	− .5	− .5	+1.4	+1.5	−3.7	+ .1
1913	− 2.5	+ 1.2	− .1	−1.3	+ .2	− .7	+ .8	+ .8	−2.5	−3.5	+2.3	+ .3
1914	+ 1.3	+ 2.9	−5.1	+ .2	+ .4	+4.8	+1.3	− .8	−2.6	− .7	−1.2	− 4.1
1915	− 3.0	− .4	−8.8	+1.3	+3.1	+ .5	+ .1	− .8	+ .9	+2.3	+2.3	− .8
1916	+ 6.2	− 1.8	−1.3	−1.4	+2.1	− .8	−1.8	+ .2	−2.0	0	+ .5	+ .1
1917	+ 3.9	− .1	+1.3	+ .4	−5.2	− .6	− .7	−1.6	−2.6	−6.4	−2.8	− 7.2
1918	− 8.5	+ 4.6	+6.3	−2.5	+1.5	+1.4	−2.2	+ .9	−5.6	+4.2	− .8	+ 3.0
1919	− 2.2	− 1.3	+ .6	−1.0	−2.2	+ .2	− .7	− .5	− .4	+9.6	+3.0	0
1920	+ 1.3	− 2.7	−3.5	−1.3	− .7	−1.3	− .8	−2.1	+1.3	0	−3.3	− 2.2
1921	+ 3.3	+ 2.0	+7.9	−1.3	− .7	+2.7	+1.1	+ .8	+5.5	−1.8	+4.0	+ 3.9
1922	+ .7	+ 5.3	+ .1	+3.3	+ .6	+ .4	− .4	− .8	+1.8	+ .5	+3.0	+ 6.9
1923	+ 5.4	− 1.2	−1.1	− .2	−1.9	−1.2	−1.8	− .8	+ .6	−1.1	−2.1	+ 7.1
1924	− 4.9	− 1.9	−4.7	− .3	−3.5	+1.2	− .4	+2.2	−2.8	+ .3	+2.0	+ 1.0
1925	+ 1.7	+ 4.5	+2.3	+4.6	−1.1	+2.8	+1.4	+1.1	+7.8	+ .5	−1.4	− 2.4
1926	− 1.4	+ 2.2	− 6.1	−2.4	−1.0	− .7	−1.1	+ .9	+3.7	+2.1	−3.7	+ 4.4
1927	+ 2.9	+ 9.7	+ .9	+4.5	+1.7	− .1	− .5	−1.2	+2.1	+3.0	+6.2	− .5
1928	− 1.7	− .8	+ .1	−3.8	−1.9	−2.3	+ .3	+1.2	−2.0	+3.1	−1.0	− .9
1929	+ 2.2	− 3.0	+3.5	+3.2	− .1	−1.2	− .4	+ .5	−1.0	−1.7	+ .1	− 2.0
1930	− .7	+ 4.9	−3.7	+1.9	+1.4	− .9	+3.4	− .2	+1.3	−2.3	− .3	− 3.8
1931	− 1.7	+ .8	− 6.1	−2.1	−2.9	+1.6	+1.5	−1.8	+4.0	+3.5	+6.5	+ 8.2
1932	+ 6.8	+ 9.1	−4.2	+1.2	−1.4	+ .8	+2.6	+1.1	− .7	−2.0	−4.0	+ 3.0
1933	+ 5.9	+ .1	− .2	− .9	+4.7	+ .2	− .9	+ .3	+3.9	+1.7	+ .9	+ 9.0
1934	+ 3.5	+ 3.5	−1.2	+1.0	− .8	+1.5	+1.2	− .6	+2.3	+3.3	− .6	− .9
1935	+ 2.1	+ 1.2	+6.0	+1.3	+1.7	−1.1	+1.0	+1.8	− .5	+2.7	+2.3	− 6.4
1936	− 1.0	− 2.5	+3.8	−1.1	+2.2	+2.8	+1.5	+1.2	+2.8	+2.3	−1.0	+ 2.7
1937	+12.0	− .2	−2.6	− .2	+1.5	+1.9	− .3	+1.2	−2.0	−1.7	−2.8	− .6
1938	+ 1.4	+ 6.5	+7.6	+ .5	+1.5	− .8	+ .1	+1.9	− .4	+1.9	+2.2	+ .2
1939	+ 4.3	+ 4.5	+3.3	− .9	− .4	+ .8	+ .6	−1.1	+1.6	+2.1	−1.9	+ 2.1
Average 1884–1939	46.7	49.0	56.1	63.6	71.4	78.3	80.3	79.7	75.7	64.8	54.3	47.6

TABLE 2.—*Arizona: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1895	+2.05	−0.80	−0.76	−0.53	−0.02	−0.29	−1.13	+0.23	−0.23	+0.09	+1.43	−0.75
1896	−.77	−1.13	−.52	−.39	−.32	−.19	+.59	−.39	+.41	+2.31	−.09	−.53
1897	+2.17	−.50	−.35	−.51	−.14	−.26	−.81	−.20	+1.17	−.27	−.95	+.78
1898	+.85	−1.13	−.35	−.11	+.13	+.25	−.05	+.66	−1.03	−.83	−.47	+.38
1899	−.29	−.83	−.90	−.44	−.32	+.40	−.02	−1.08	−.58	+.11	−.30	−1.04
1900	−1.05	−1.02	−.46	+.94	−.10	−.32	−1.66	−1.36	−.04	−.32	+.52	−1.20
1901	+.03	+1.26	−.54	−.43	+.22	−.20	−.29	−.64	−.92	+.05	−.67	−1.12
1902	−.41	−.91	−.36	−.57	+.04	−.24	−1.73	−.30	−.18	−.69	+1.39	+.29
1903	−1.15	−.21	+.12	−.23	−.06	+.35	−.99	−.54	+.60	−.75	−.99	−1.12
1904	−1.13	−.89	−.74	−.61	+.20	−.27	−.05	+1.38	−.68	−.23	−.97	−.46
1905	+1.71	+3.96	+3.18	+1.89	−.02	+.08	−1.12	−.42	+.84	−.61	+4.50	−.06
1906	−.55	−.12	+1.15	+.10	−.18	−.36	−.22	+1.12	−.82	−.69	+.63	+2.52
1907	+1.31	−.57	+.12	+.02	+.44	−.19	+.15	+.58	−.62	+1.89	−.08	−1.09
1908	−.48	+1.06	−.12	+.01	+.10	−.29	+.87	+.28	−.42	−.22	−.55	+2.02
1909	−.23	+.03	+.40	−.49	−.28	−.23	−.01	+1.84	−.20	−.83	−.22	+.80
1910	−.05	−1.15	−.43	−.31	−.30	+.07	−.09	−.24	−.84	−.47	+.75	−.76
1911	+.79	+.43	+.09	−.35	−.30	+.22	+1.47	−.60	+.96	+1.24	−.96	−.60
1912	−1.29	−1.11	+1.92	+.30	−.06	+.14	+.99	−.28	−1.00	+1.12	−.93	−.60
1913	−.69	+1.49	−.71	−.31	−.28	−.25	−.30	−.49	−.18	−.43	+1.05	−.28
1914	−.08	−.11	−.46	−.37	+.02	+.36	+.91	−.14	−.47	+1.43	−.23	+2.30
1915	+1.09	+.57	−.16	+.96	+.22	+.02	+.55	−1.02	−.60	−.69	−.05	+1.60
1916	+3.39	−.77	+.26	−.15	−.10	−.36	+.53	+.36	+.34	+1.29	−.99	−.46
1917	+1.19	−.23	−.91	+1.25	+.68	−.30	+1.36	−.91	0	−.78	−.99	−1.22
1918	+.56	−.13	+.72	−.49	−.21	+.64	+.01	−.02	−.77	−.17	+.50	+.64
1919	−.80	+.39	−.17	+.05	+.44	−.10	+3.55	−.06	+1.20	+.50	+2.37	−.57
1920	+.70	+1.19	+.41	−.37	−.10	−.24	−1.00	−.15	−.34	+.70	−.75	−.98
1921	−.59	−.87	−.56	−.23	+.14	−.06	+2.27	+1.58	−.64	+.27	−.60	+.56
1922	+.79	−.63	+.30	−.06	+.10	+.26	−.40	+.04	−.23	−.49	+.38	−.60
1923	−.57	−.24	+.08	−.19	−.12	−.20	+.69	+1.00	+.69	−.39	+1.23	+1.92
1924	−1.21	−1.27	+.50	+.15	−.22	−.18	−.39	−1.56	−.32	−.23	−.77	+.70
1925	−1.10	−1.04	−.22	+.26	−.16	+.80	−.19	+.04	+.70	+1.23	−.25	−.64
1926	−.69	−.64	+.86	+2.52	+.30	−.22	−.37	−1.22	+1.26	−.30	−.71	+1.86
1927	−1.01	+1.51	+.12	−.03	−.16	+.02	−.43	+.58	+1.81	−.11	−.70	−.64
1928	−1.09	+.39	−.82	−.39	+.20	−.32	−.65	−.25	−.84	+.56	−.38	−.40
1929	−.35	−.49	−.57	+.07	−.16	−.30	+.63	+.44	+.50	−.41	−.85	−1.12
1930	+.88	−.83	+.96	−.15	+.66	+.06	+1.00	−.08	−.26	−.43	+.85	−1.01
1931	−.83	+2.37	−.83	+.55	0	+.36	+.17	+1.57	+.22	−.13	+1.69	+.56
1932	−.43	+1.86	−.74	−.21	−.12	−.01	+.29	−.52	−.66	+.39	−.99	+.88
1933	+.67	−.70	−1.05	+.21	−.08	+.10	−.23	−.74	+.27	+.51	+.02	−.98
1934	−.97	−.49	−.81	+.05	+.27	−.18	−.90	+.76	−.72	−.71	−.04	+.44
1935	+.70	+.96	+.46	−.15	+.20	−.28	−.87	+1.49	+.24	−.78	+.03	−.45
1936	−.54	+.62	+.04	−.47	−.18	−.16	+.09	+.02	+.20	+.13	−.19	+.87
1937	+.46	+.43	+.78	−.51	−.01	+.14	−.51	−.57	+.30	−.47	−.89	−.04
1938	−.65	+.40	+1.13	−.42	−.12	+.52	−.68	−.19	−.42	−.73	−.92	+.98
1939	−.19	−.11	−.38	−.08	−.28	−.32	−1.07	+.04	+2.52	−.41	+.21	−.88
Average 1895–1939	1.31	1.33	1.06	.63	.32	.36	2.21	2.34	1.30	1.22	.99	1.22

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1895	−0.2	−0.1	+6.6	+3.0	+4.1	+0.3	−0.1	+1.0	+2.8	+3.6	−0.5	−1.2
1896	+4.6	+2.9	+5.3	+1.3	+5.2	+8.4	+3.2	+2.5	+3.8	+4.0	+3.9	+7.5
1897	+3.9	−1.8	−2.2	+4.3	+6.2	+1.8	+2.9	+1.5	+1.9	−.8	+2.7	−.5
1898	−3.8	+3.8	−1.9	+5.3	+1.1	+3.2	+2.9	+3.2	+4.0	+1.9	0	−3.3
1899	−.2	+.3	+1.6	+2.7	−.5	+2.5	+2.7	+1.2	+5.7	0	+2.5	+2.9
1900	+6.0	+2.7	+6.3	−1.7	+5.7	+4.6	+3.6	+.5	−1.1	+2.6	+4.9	+4.1
1901	+4.5	+2.9	+2.0	+1.4	+3.3	+.6	+4.5	+3.7	+1.4	+3.4	+4.7	+2.7
1902	+2.6	+2.9	−2.1	+4.7	+2.0	+4.8	+.3	+1.9	+1.6	+3.8	−.9	−.1
1903	+1.8	−6.7	+.8	+.5	+.2	+.5	+1.5	+4.2	+.4	+1.5	+4.5	+2.3
1904	+.8	+4.5	+3.7	+2.3	+2.4	+.6	−.2	+.3	−.8	0	+1.5	+1.4
1905	+3.4	+.6	+.9	−1.4	−2.6	−.6	+.5	+2.6	+1.1	+.7	−.5	−2.9
1906	+.4	+3.5	+1.1	−.9	−1.0	−.8	+.5	−3.3	−1.2	−.2	−.5	+3.3
1907	+1.0	+5.9	+1.5	+2.3	−2.6	−3.4	+.7	−1.3	+.1	+.4	+.9	+3.7
1908	+4.0	0	+1.6	+.7	−2.8	−1.6	+.5	+.5	−.8	−3.4	+.1	+.7
1909	+4.6	−1.7	−3.9	−.7	−2.0	+.4	+.3	−.2	−1.2	−.2	+.4	−5.3
1910	+.4	−.7	+5.5	+2.6	+4.0	+1.0	+1.2	+2.1	+3.4	+1.2	+1.1	+3.1
1911	+4.7	−1.7	+3.3	−.9	−1.1	−1.8	−2.3	−.5	+.3	−1.8	−2.6	−5.7
1912	+.6	−.5	−2.7	−5.3	−1.6	−.8	−4.1	−2.3	−4.4	−3.8	−1.0	−5.0
1913	−4.6	−3.3	−4.3	−1.3	0	−3.8	−3.1	−1.1	−3.1	−2.2	+.9	−2.5
1914	+3.0	−.8	+1.1	+.3	+.2	−1.0	−2.6	−.2	0	−1.0	+2.3	−2.7
1915	−2.4	−1.8	−2.7	−1.1	−4.4	−2.1	−2.1	−.2	−2.4	+.2	−.9	−1.1
1916	−.9	+3.5	+3.1	+.2	−2.2	−1.5	−2.1	−2.7	−2.0	−3.4	−3.3	−4.2
1917	−3.4	−2.9	−5.5	−3.8	−6.5	−1.0	−.5	−1.9	−.8	+.4	+1.3	+3.7
1918	−3.1	−.3	+.5	−2.2	−5.1	+1.7	−2.9	−3.9	−.3	+.4	−4.5	−3.9
1919	−5.3	−5.9	−3.9	+.7	+.3	−.5	−2.7	−.7	−2.0	−5.8	−3.3	+1.2
1920	+1.0	+1.9	−3.5	−4.7	−.8	−2.7	−.3	−2.5	−2.7	−4.2	−1.9	−2.7
1921	+.7	+.9	+2.6	−3.3	−2.8	−1.1	−1.6	−2.3	−2.2	+2.2	+.8	+3.5
1922	−3.3	−2.7	−4.2	−4.8	−1.0	+1.2	+.4	+.3	+1.7	+.4	−4.5	+2.3
1923	+3.7	−2.6	−3.9	−2.1	+.4	−5.0	−1.6	−2.8	−4.4	−4.4	−1.9	−2.0
1924	−3.1	+1.7	−6.4	−3.9	+.8	+2.0	−1.2	+.2	−.2	−2.0	+.7	−3.6
1925	−3.4	+2.3	+.9	+.8	+2.6	−2.4	−.5	−2.7	−3.0	−2.4	−2.5	+.1
1926	−2.9	+2.6	+.9	−.7	−1.6	0	−2.2	−.3	0	+1.8	+1.3	−1.8
1927	+4.5	+3.3	−.9	+.3	+.8	−1.4	+.5	−.9	−.8	+.6	+3.5	−2.3
1928	+1.9	−.3	+2.1	−.7	+2.6	−.8	+.5	−.9	0	+.9	−1.1	−.9
1929	−1.4	−3.5	−1.9	−2.5	+.6	−.4	−.3	−.5	−.8	+.8	−3.1	+3.4
1930	−1.8	+3.5	−1.7	+2.9	−5.0	−.0	−1.1	−.5	−1.9	−1.8	−1.7	−2.1
1931	−.6	+1.1	+.1	+2.1	+1.6	−.4	+2.1	−.4	+.6	−4.0	−4.6	
1932	−5.7	+.2	−.6	−.5	−.6	−1.7	+.2	+1.1	+1.2	−.9	+1.7	−5.1
1933	−4.6	−7.1	+.3	−4.2	−4.8	+.4	+2.3	+1.5	+3.0	+3.8	+1.7	+2.9
1934	+2.0	+4.3	+6.9	+4.7	+5.4	−2.8	+2.5	+1.2	+.3	+2.4	+.5	+2.1
1935	+2.2	+1.5	−2.9	−.6	−4.6	+1.0	−.3	−.3	−.4	0	−2.6	+.9
1936	+.5	−.4	+.6	+2.5	+3.2	+3.0	+1.3	+1.1	−1.2	+.2	+.1	+.7
1937	−11.4	−2.3	−2.3	−1.0	+1.6	−1.1	+.5	+1.9	+2.4	+2.0	+1.4	+3.7
1938	−2.6	−.4	−2.3	−.5	−.8	−.4	−1.0	+.2	+1.6	0	−4.8	+2.5
1939	+.2	−8.8	+.3	+2.3	+1.4	−.2	+1.1	+.7	−.7	−1.4	+2.5	+4.8
Average 1895–1939	41.8	45.9	51.7	58.5	66.0	75.4	80.1	78.5	72.8	61.6	50.7	42.7

TABLE 3.—*Arkansas: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891	+0.87	−0.51	+0.39	−2.09	−2.20	−0.35	+3.45	−0.78	−2.40	−2.48	+1.82	+0.47
1892	−1.99	+ .04	−1.27	+2.14	+4.54	− .19	− .21	+ .86	−1.20	+ .13	+2.09	+4.57
1893	−3.34	+ .62	−1.16	+2.32	+4.73	+1.14	− .85	− .45	+ .41	−1.83	+ .47	−2.39
1894	− .84	+2.89	+5.13	+1.34	−1.58	−2.67	+ .19	+1.10	+ .22	−1.61	−2.62	− .74
1895	+ .72	−2.72	+ .68	−2.85	−1.07	+1.88	+3.55	− .89	−1.98	−1.69	+1.08	− .26
1896	− .38	− .13	+ .57	−1.19	−1.44	−2.15	−2.18	−1.21	− .09	+ .46	+ .60	−3.38
1897	+2.31	− .84	+5.05	− .70	−2.85	− .60	− .54	− .94	−2.74	−1.12	− .92	+1.78
1898	+3.46	−1.35	+1.25	−1.75	+1.46	+ .80	+ .46	+ .82	+4.01	+2.31	− .54	−2.35
1899	+1.44	−1.25	−1.74	−1.56	+1.47	−1.32	+1.35	−1.49	−2.13	− .25	−1.13	− .14
1900	−1.78	+1.63	−2.21	+ .14	−1.29	+3.04	+ .67	− .58	+ .91	+1.18	− .54	−1.46
1901	−2.26	−1.25	− .04	−1.02	−2.03	−2.62	−1.30	− .58	− .26	−1.06	− .75	+ .20
1902	− .34	− .83	+ .63	−1.97	− .64	+1.21	+ .70	− .98	+1.72	− .45	+2.92	+1.49
1903	−1.87	+4.20	+ .85	− 2.98	+2.49	−1.53	+ .07	+ .81	− .87	− .91	−3.10	− .78
1904	− .66	− .96	+ .93	− .96	−1.59	+3.08	+ .64	− .72	− .88	−2.19	−2.36	+ .88
1905	+ .11	− .88	+ .60	+1.45	+4.69	+1.84	+3.81	+ .20	+ .56	+1.36	− .46	+ .74
1906	+ .72	−1.22	+ .98	− 2.29	− .27	+ .54	+2.17	+1.39	+2.90	− .75	+2.16	+1.42
1907	+1.33	− .66	−1.49	+ .60	+4.50	+ .42	−1.83	− .61	−1.12	− .10	+1.97	−1.52
1908	− .72	+1.83	− .92	+1.48	+2.07	− .21	− .79	+ .95	+ .66	−2.65	+1.66	−2.72
1909	−2.68	+1.98	−1.00	− .32	+1.78	+ .02	−1.28	−2.26	− .50	− .98	+ .01	+1.04
1910	−1.88	+ .23	−3.32	+ .30	+1.58	+ .79	+1.67	+ .39	− .93	+2.06	−3.27	− .65
1911	−3.45	+ .88	−2.54	+5.02	−3.87	−1.53	+1.04	+4.66	+ .33	−1.46	− .56	+2.78
1912	−1.46	− .63	+3.15	+3.30	−2.57	+1.77	− .97	− .23	− .94	− .16	−2.08	−1.59
1913	+3.98	+ .31	+ .03	+ .07	−1.66	−2.38	+ .53	−1.91	+6.76	+2.28	−1.27	− .96
1914	−2.90	+ .80	+ .42	− .27	−1.64	−3.06	−1.10	+3.28	− .15	−1.39	−1.42	+2.04
1915	− .09	+1.04	−1.17	−1.88	+ .60	+ .86	−1.39	+6.91	−1.91	− .30	+1.66	+ .51
1916	+4.92	−1.65	−2.78	−1.19	−1.42	+1.09	−1.70	− .90	+ .06	− .83	− .79	− .87
1917	− .81	−1.50	+ .61	+ .85	−1.83	+ .81	+1.31	+ .57	−1.58	−1.24	−1.78	−2.93
1918	− .08	−2.26	−3.40	+2.79	−1.97	− .51	−2.26	+ .37	+1.29	+ .86	+ .17	+1.40
1919	−1.47	− .09	+ .76	−1.28	+1.03	+1.05	−1.88	+ .76	− .62	+7.77	+2.53	−2.28
1920	+2.92	−2.17	+ .60	+ .65	+1.19	− .65	+ .43	+ .55	+ .22	+1.26	−1.79	+1.73
1921	−2.40	+ .16	+1.84	+3.03	−2.73	+ .78	−1.37	+1.93	+ .04	−2.41	+1.79	−1.44
1922	−1.84	+1.46	+3.87	+ .70	+ .02	−1.42	+ .33	−1.63	−2.09	−1.66	+ .15	+ .37
1923	+1.31	+1.23	+ .33	+1.46	+3.26	+1.14	− .26	−1.10	+2.22	+ .40	− .40	+2.02
1924	−1.28	−1.17	−1.44	+ .15	− .34	− .42	−1.44	−1.13	+ .65	−2.84	−1.38	− .57
1925	−1.79	− .06	−3.02	−2.22	−3.10	−1.98	+1.20	−1.72	+2.62	+4.60	+1.93	−2.51
1926	+ .22	−1.41	+ .86	−2.19	−2.56	−1.46	− .24	+1.97	+ .65	+2.64	− .41	+2.93
1927	+ .94	− .81	+2.53	+8.09	+1.56	+2.44	+ .46	+2.48	+ .03	0	− .07	− .04
1928	−2.42	−1.20	−2.18	+3.68	−1.38	+5.38	− .13	+1.09	−2.89	+1.61	+ .51	+ .19
1929	+ .61	+ .58	− .94	+ .85	+1.33	− .38	− .72	−2.24	− .88	+1.16	−1.13	− .38
1930	+4.69	+ .49	−2.50	−3.43	+5.08	−3.19	−3.05	−1.00	+ .76	+1.76	+ .41	−1.64
1931	−3.33	+1.34	− .50	−2.22	−1.53	−1.46	+2.21	+1.18	−2.34	− .78	+2.60	+3.57
1932	+1.58	+1.29	− .23	−1.99	−3.02	+ .80	+1.21	−1.75	− .80	+ .28	−1.76	+3.64
1933	− .80	+ .10	+ .16	− .04	+1.29	−2.76	+1.22	+ .89	+1.76	− .30	−1.88	+1.19
1934	−1.61	−1.43	+1.82	−1.33	−1.62	−1.18	−2.13	− .78	+2.12	−2.34	+3.15	− .44
1935	+1.32	− .99	+3.58	− .47	+3.88	+4.32	−1.47	−1.79	+ .21	+1.81	+ .07	−1.27
1936	−3.42	−1.73	−2.52	−2.20	−2.48	−2.80	+1.11	−3.09	+ .81	+1.87	− .74	+1.10
1937	+8.14	−1.32	−1.67	−1.66	−1.35	+ .88	− .08	− .08	+ .93	+1.53	+1.25	+ .39
1938	+2.01	+2.65	+1.31	− .01	− .36	+ .28	− .05	−1.27	−1.79	−2.19	+1.52	−1.29
1939	+1.74	+5.13	−1.00	+2.29	− .13	+ .44	− .45	−1.03	−1.57	−1.42	− .35	−1.76
Average 1891–1939	4.47	3.43	4.71	4.84	4.98	4.06	3.79	3.53	3.34	3.13	3.74	4.22

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891	+ 0.2	+ 2.9	− 6.0	+1.4	−2.2	+0.7	−4.0	−3.7	−1.1	−2.3	−1.6	+4.1
1892	− 6.7	+ 5.4	− 4.8	0	−1.4	− .3	−1.5	−1.8	−3.7	+1.1	−1.4	−1.9
1893	− 2.9	− 1.2	− 2.6	+3.5	− .6	− .9	+ .4	−2.8	− .5	−2.2	−2.0	+2.6
1894	+ 2.1	− 3.1	+ 1.9	+1.7	+ .9	− .6	−2.1	−2.0	−1.4	+ .3	− .9	+1.8
1895	− 4.5	−10.1	− .9	+1.7	− .2	− .3	−1.6	− .7	+2.6	−5.6	−1.4	+1.0
1896	0	+ 1.6	− 4.0	+6.4	+5.1	+ .5	+2.9	+2.5	−1.2	−1.9	+1.5	+3.0
1897	− 2.5	+ 3.0	+ 3.2	0	− .9	+ .8	+1.9	− .5	+2.1	+4.9	+ .3	−2.5
1898	+ 4.1	+ 2.2	+ 1.8	−2.2	+2.9	+1.5	− .6	− .7	+ .7	−2.7	−3.8	−3.3
1899	− 2.1	−11.8	− 2.1	− .7	−3.7	+ .1	−1.5	+2.1	−2.6	+2.9	+3.0	−1.8
1900	+ 2.0	− 3.9	− 1.5	+ .8	+ .1	− .6	− .8	+1.0	+3.5	+3.3	+ .1	+2.1
1901	+ 4.2	− 2.8	− 1.2	−3.3	−1.0	+2.2	+3.2	+ .4	−1.9	+1.0	− .8	−4.3
1902	− 3.4	− 8.6	− .1	− .2	+4.0	+ .3	−1.1	+ .6	−6.1	− .2	+5.2	−2.0
1903	− 1.2	− 2.6	+ 2.1	− .8	−1.7	−6.7	− .9	−1.4	−3.8	−1.8	−3.7	−3.1
1904	− 2.5	+ 1.3	+ 2.6	−4.6	−2.1	−1.9	−2.6	−2.0	+ .9	− .2	+ .1	+ .1
1905	− 8.1	−11.3	+ 4.4	− .3	+1.5	+ .7	−3.8	−1.0	− .3	−1.6	+1.9	−4.3
1906	+ 1.7	− 1.8	− 7.5	+2.3	− .4	−1.0	−3.8	−2.2	+1.2	−4.5	−1.1	+3.7
1907	+ 7.8	+ 1.3	+ 9.2	−6.5	−5.4	−2.0	+ .9	+1.9	− .6	− .8	−2.3	+1.6
1908	+ .3	+ .6	+ 6.8	+1.9	+ .8	−1.2	−1.3	− .8	−1.1	−3.5	+2.5	+3.2
1909	+ 2.4	− 3.7	0	− .5	−2.2	− .3	+1.4	+2.3	+ .2	+ .3	+8.0	−7.5
1910	+ .4	− 4.6	+8.0	−1.6	−3.2	−3.1	−1.1	− .9	+1.9	+ .2	+ .2	−2.0
1911	+ 6.2	+ 6.2	+ 3.9	− .9	+1.6	+3.7	−2.1	−2.1	+4.5	0	−4.5	+ .2
1912	− 7.1	− 5.7	− 6.9	+ .5	+ .7	−4.1	+ .8	−1.4	+4.0	+1.1	− .8	−1.1
1913	+ 2.6	− 2.6	+ 3.0	− .2	+ .1	− .2	+1.0	+2.0	−2.8	−2.6	+6.3	+ .8
1914	+ 5.2	+ 3.2	− 2.7	− .4	+ .3	+5.1	+2.1	−1.6	− .1	+ .3	+1.3	−6.7
1915	− 2.1	+ 2.3	−10.2	+2.9	+ .7	−1.2	−3.4	−5.4	+ .4	+ .7	+3.5	+1.1
1916	+ 2.9	− .2	+ 1.8	−1.5	+2.4	−1.8	+2.3	+1.7	−2.0	+ .1	+ .8	− .7
1917	+ 2.6	− .2	+ .3	−1.0	−5.7	−2.0	− .9	−3.0	−2.7	−6.1	− .6	−8.0
1918	−14.1	+ 3.3	+ 5.2	−1.8	+3.0	+3.3	− .9	+2.5	−7.2	+2.9	−1.6	+4.8
1919	0	+ .5	+ .5	+ .2	−2.4	− .3	+ .7	+ .5	+ .1	+3.9	+ .1	−2.4
1920	− 1.8	− 1.4	− .9	−1.6	+1.4	−2.5	− .7	−3.5	+ .4	+1.5	−3.5	+ .4
1921	+ 5.5	+ 4.7	+ 8.1	−1.6	+ .5	+1.3	+1.5	+1.4	+5.1	−1.1	+3.6	+4.3
1922	− 2.3	+ 4.2	− 1.0	+2.1	+1.6	+1.4	− .3	+ .3	+1.7	+ .4	+1.6	+5.0
1923	+ 7.2	− 1.7	− 3.1	0	−2.0	− .5	− .6	+1.8	−1.5	−3.5	− .5	+6.3
1924	− 5.3	− .7	− 6.1	0	−4.6	+1.3	−1.5	+2.1	−4.8	+2.2	+2.1	−1.4
1925	− .6	+ 5.7	+ 3.2	+6.0	−1.2	+5.1	+1.3	+ .2	+6.0	−4.0	− .9	−2.6
1926	− .9	+ 4.9	− 4.2	−2.3	+ .5	− .6	− .7	+ .6	+2.3	+2.2	−4.1	+ .5
1927	+ 1.2	+ 8.5	+ .8	+4.3	+2.5	− .9	− .9	−3.5	+1.4	+3.3	+5.4	−1.9
1928	+ 1.3	+ 1.4	0	−4.1	+ .3	−3.7	− .2	+1.2	−4.0	+3.6	−1.1	+ .6
1929	− 2.0	− 8.2	+ 3.0	+2.6	−1.6	−1.0	+ .7	+ .7	−1.1	− .5	−5.2	+1.6
1930	− 7.6	+ 8.6	− 2.3	+3.5	− .4	− .8	+4.2	+1.7	+1.2	−2.6	− .8	−2.2
1931	+ .9	+ 4.6	− 5.2	−2.3	−4.0	+1.1	+ .5	−3.4	+3.9	+4.4	+6.3	+5.9
1932	+ 4.8	+ 8.4	− 4.5	+2.4	+ .3	+1.7	+2.0	+1.4	− .7	−1.9	−4.6	−2.9
1933	+ 7.4	− 2.1	− .1	− .3	+2.6	+1.2	+ .9	−1.0	+4.0	− .1	+1.7	+6.5
1934	+ 3.1	− 2.1	− 3.1	+1.3	+1.1	+3.9	+5.0	+4.7	−3.2	+3.5	+2.7	−1.3
1935	+ 2.2	+ 2.2	+ 6.0	−1.2	−2.5	−2.9	+1.7	+1.9	−2.1	+1.2	−1.5	−5.2
1936	− 4.3	− 7.1	+ 4.4	−1.7	+1.7	+2.8	+2.8	+4.9	+4.4	−1.6	−2.8	+2.7
1937	+ .4	+ .6	− 4.0	+ .3	+1.9	+1.6	− .1	+2.2	−1.8	−1.9	−3.0	− .6
1938	+ 1.1	+ 7.3	+ 7.6	+ .7	+1.0	−1.4	+1.5	+3.1	+1.2	+4.1	− .6	+1.8
1939	+ 4.1	0	+ 2.7	−2.1	+ .2	+ .7	+1.5	+ .1	+5.4	+2.5	−2.5	+2.7
Average 1891–1939	41.4	43.6	52.7	61.4	69.2	77.2	80.5	80.1	74.5	62.7	51.3	42.8

TABLE 4.—*California: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1897	−2.06	+1.38	+0.29	−1.11	−0.76	+0.13	−0.06	−0.07	−0.14	+0.56	−0.95	−1.94
1898	−3.67	−1.52	−3.03	−1.21	+.62	−.08	−.07	−.08	+.17	−.64	−1.37	−2.49
1899	−1.22	−4.02	+2.41	−1.02	−.21	+.24	−.07	+.01	−.44	+2.27	+1.46	−.66
1900	−1.45	−3.53	−1.31	+.52	+.45	−.14	−.04	−.08	−.25	+1.11	+2.85	−2.01
1901	+.46	+1.56	−2.68	+.54	+.09	−.32	−.06	+.02	+.47	+.27	+.29	−2.24
1902	−3.37	+3.67	−.30	+.26	−.10	−.23	0	−.04	−.46	+.55	+1.25	−.73
1903	−.19	−2.71	+2.11	−.34	−.80	−.26	−.07	−.08	−.37	−.74	+2.67	−2.25
1904	−3.37	+3.44	+4.83	+.56	−.72	−.29	+.02	+.07	+2.19	+1.51	−.92	−.65
1905	−.38	−.23	+1.73	−.44	+1.24	−.26	−.06	−.07	−.31	−1.11	−.40	−2.14
1906	+3.11	+.41	+5.50	+.06	+2.25	+.72	−.03	+.03	−.22	−1.14	−.44	+4.73
1907	+2.71	−.33	+6.98	−.51	−.37	+.69	−.04	+.01	−.34	+.33	−2.08	+1.72
1908	−.12	−.48	−2.20	−.95	+.69	−.16	−.03	+.02	+.02	+.14	−.51	−1.36
1909	+11.42	+3.53	−.13	−1.50	−.71	−.14	−.02	+.09	+.05	+.43	+2.16	+3.23
1910	+.11	−2.04	−.47	−1.00	−.71	−.28	+.03	−.09	+.22	−.40	−.45	−1.82
1911	+8.45	−1.14	+2.33	+.31	−.22	−.18	+.03	−.10	−.16	−.65	−1.36	−1.64
1912	−1.17	−3.72	+1.48	+1.45	+.98	+.16	−.01	−.04	+1.18	−.14	+.40	−2.11
1913	+.31	−2.40	−1.63	−.18	+.10	+.25	+.39	+.20	−.40	−1.15	+2.64	+3.35
1914	+8.34	+1.02	−2.53	+.52	−.25	+.52	−.01	−.08	−.24	+.37	−1.56	+1.31
1915	+2.83	+5.61	−1.36	+.23	+3.19	−.32	−.01	−.04	−.41	−1.09	−.40	+1.87
1916	+10.86	−.53	−.31	−1.10	−.33	−.11	+.24	+.10	+.09	+.68	−.59	+2.12
1917	−2.04	+1.78	−2.11	+.36	−.19	−.31	+.01	−.06	−.37	−1.22	−.83	−2.26
1918	−3.61	+1.71	+3.38	−.83	−.57	−.21	0	+.04	+1.90	−.21	+.74	−1.59
1919	−2.06	+2.99	−.22	−.78	−.62	−.32	+.02	−.07	+.51	−.60	−1.46	+.18
1920	−3.90	−1.67	+2.10	+.94	−.74	+.09	−.01	+.15	−.18	+1.29	+2.88	+2.04
1921	+2.04	−2.24	−.83	−1.05	+1.16	−.17	−.02	0	−.06	−.38	−.92	+4.64
1922	−1.28	+2.51	+.18	−.80	+.20	−.10	+.08	−.02	−.42	+.28	+.97	+3.64
1923	−1.36	−3.24	−3.26	+2.44	−.59	+.29	−.02	+.03	+.75	−.38	−1.67	−2.58
1924	−2.78	−2.71	−.91	−.72	−.86	−.31	−.06	−.03	−.39	+1.70	−.09	+.49
1925	−3.18	+1.48	−1.02	+1.23	+.83	+.25	+.08	+.12	+.09	−.03	−.60	−1.84
1926	−1.36	−1.44	−3.32	+3.55	−.31	−.26	0	−.02	−.42	+.02	+5.33	−1.31
1927	−1.19	+4.23	−1.07	−.74	−.34	+.07	−.02	−.07	−.34	+.93	+1.29	−.45
1928	−2.91	−2.03	+1.69	−.16	−.42	−.24	−.06	−.09	−.41	−.86	+.66	−.25
1929	−2.93	−2.23	−1.34	+.45	−.85	+1.06	−.06	0	−.28	−1.10	−2.36	+.92
1930	+.55	−1.60	−.40	−.05	+.52	−.30	−.05	−.02	+.05	−.85	+.03	−3.22
1931	+.61	−1.91	−2.22	−.34	+.09	+.44	−.03	+.14	−.29	+.03	+.56	+4.79
1932	−1.61	−.38	−2.63	−.08	+.29	−.15	−.03	−.09	−.36	−.88	−1.42	−.78
1933	+1.67	−3.64	−1.04	−1.00	+.67	−.11	−.03	−.03	−.33	+.29	−2.25	+2.26
1934	−2.67	−.87	−2.89	−1.10	−.21	+.41	−.02	+.01	−.14	+.72	+1.54	−.49
1935	+.62	−1.95	+.22	+3.09	−.71	−.32	0	+.24	−.32	−.03	−1.27	−1.23
1936	+.25	+5.04	−1.83	−.03	−.32	+.48	+.12	+.03	−.31	−.01	−2.26	+1.32
1937	−.83	+2.66	+1.83	−.20	−.71	+.29	+.04	−.09	−.43	−.20	+1.25	+1.73
1938	−1.03	+4.79	+4.64	+.38	−.53	−.15	+.08	−.02	−.10	+.38	−1.19	−.91
1939	−1.52	−2.22	−.79	−1.10	+.03	−.21	+.01	−.03	+1.23	−.16	−1.93	−1.23
Average 1897–1939	4.75	4.47	3.69	1.62	.94	.33	.07	.10	.47	1.23	2.36	3.69

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1897	+0.9	0	−3.3	+4.4	+5.5	+1.7	+0.9	+1.5	0	−1.9	−1.5	−1.3
1898	−3.6	+1.4	−2.5	+4.7	−.1	+3.2	+7.8	+2.1	+1.5	+.6	−.7	−1.3
1899	+1.8	+.5	−.1	+1.9	−1.5	+3.4	+4.3	−1.6	+3.2	−2.3	−.2	+.1
1900	+3.3	+1.9	+4.4	−2.3	+2.6	+3.3	+2.3	−1.4	−2.3	−1.6	+2.4	+1.6
1901	−.8	−.3	+1.7	−.4	+.6	+2.4	+2.4	+3.2	−1.7	+2.8	+2.6	+1.7
1902	−.1	+2.3	−1.6	0	−.6	+2.1	−.8	−.6	+3.0	+.3	−1.5	+.9
1903	+2.0	−4.3	−.4	−1.4	+2.1	+2.8	−2.4	+.2	+1.0	+3.6	+2.9	+2.3
1904	+1.2	+6.5	−.2	+1.0	+3.5	+3.0	−1.4	+1.5	+2.6	+1.2	+1.1	+1.5
1905	+3.7	+2.8	+3.4	+1.0	−1.8	−.6	+1.2	+1.0	+.9	+.3	+.5	−.4
1906	+2.9	+4.0	−.5	+.1	−1.6	−1.4	+3.2	+1.2	+.9	+3.0	+.3	+1.6
1907	−.7	+5.3	−2.3	+2.0	+.1	−2.0	−.5	−1.4	−2.1	+1.6	+.4	+2.6
1908	+2.1	−1.2	+.5	+2.2	−3.4	−2.1	+2.8	+.9	+.4	−2.1	+.6	−2.5
1909	+3.2	−1.4	−2.8	+1.4	−1.0	0	−2.4	−.3	+.5	−.2	−1.6	−2.4
1910	−2.7	−2.0	+3.4	+3.6	+4.1	−.8	−1.9	+.1	−.4	+1.5	+.5	+2.1
1911	+1.1	−4.3	+1.4	−2.0	−3.1	−1.4	+.5	−2.3	−3.8	−1.3	−1.2	−2.4
1912	+3.1	+1.7	−2.7	−4.3	−.7	−.1	−2.6	−2.2	−1.2	−3.3	−.1	−1.0
1913	−3.0	−1.3	−1.7	−1.3	+.9	−2.3	−.5	+2.4	+3.0	+1.5	−.1	−.9
1914	+2.3	+.4	+3.7	+.4	+.9	−1.7	−1.2	−.3	−1.5	−.2	+1.9	−3.9
1915	−.4	−1.4	+1.8	−.2	−3.8	−.8	−.9	+1.8	−1.5	+1.9	−1.5	0
1916	−4.8	+1.8	+1.7	+.9	−3.3	−2.9	−3.3	+.8	−1.3	−5.4	−4.3	−3.9
1917	−5.4	−2.3	−5.6	−3.4	−4.2	+1.1	+2.2	+.1	+1.3	+4.0	+1.8	+4.1
1918	+2.2	−1.1	+.2	+.3	−2.4	+4.4	−2.1	−1.0	−.1	+2.5	−1.8	−1.9
1919	+1.8	−2.3	−2.3	+1.1	+1.9	−.2	−1.2	−.3	−.4	−2.8	−1.4	+.4
1920	+3.9	+1.4	−2.0	−1.4	+.3	−.8	−1.9	+1.0	−1.3	−3.4	−1.1	0
1921	+.2	+1.4	+2.6	−1.2	−3.1	+.6	+.4	−1.0	−.4	+2.3	+2.0	+3.3
1922	−2.8	−2.5	−2.8	−3.3	+.7	+.8	−.2	−1.1	+3.9	−.7	−2.9	+2.0
1923	+.8	−.5	+1.5	−1.9	+.1	−5.2	−2.2	−1.3	+1.4	−.5	+3.3	+.1
1924	+.7	+5.3	−1.3	+.9	+3.8	+.7	−2.3	−1.6	+.5	−2.8	+.2	−1.4
1925	+2.0	+2.8	+1.5	0	+1.0	+.3	+.3	−2.1	−3.2	−1.2	−1.0	+2.9
1926	+.4	+3.1	+5.9	+5.6	−2.3	+3.5	+.4	−.3	−2.3	+2.8	+4.3	−.4
1927	+1.6	+.8	−.9	−1.5	−.8	−.5	−.1	−1.8	−2.8	+1.1	+1.4	−1.0
1928	+1.7	+.8	+2.8	−.6	+3.2	−.3	−1.5	−.7	+.7	−.7	−.9	−1.7
1929	−3.1	−4.0	−1.9	−5.4	+.2	−1.6	−.7	+1.5	−1.2	+1.8	+.6	+4.0
1930	−2.7	+2.5	+.6	+.5	−4.7	−.1	−1.0	−1.4	−3.7	−1.3	−.4	−1.6
1931	+.8	+.9	+1.9	+2.4	+4.9	−1.5	+3.6	+2.1	−2.0	−1.0	−4.7	−3.3
1932	−3.6	−3.3	+1.0	−2.7	−1.3	−.4	−2.3	−1.3	+2.2	−.4	+3.1	−5.6
1933	−4.8	−5.7	−1.2	−2.2	−6.2	−2.4	+1.2	+.7	−2.3	+4.0	+1.4	−.3
1934	+2.3	+2.0	+6.7	+4.1	+2.4	−2.5	−.7	+.8	+1.2	+.3	+.1	+.6
1935	−.9	−.4	−5.2	−1.8	−1.4	+1.0	−2.6	+.6	+1.1	−2.1	−4.0	+.2
1936	+2.0	−1.5	+1.1	+.5	+1.4	−.2	+.9	+1.0	+1.0	+1.0	+.4	−1.5
1937	−10.2	−3.5	−1.3	−2.7	+1.1	−.6	+.5	+.6	+1.1	+1.2	+.3	+2.6
1938	+1.6	−2.3	−3.9	−1.6	−.3	+.1	−.6	−.5	+1.9	−1.9	−3.3	+1.7
1939	−.1	−5.5	−1.1	+2.7	+.3	−1.1	−.8	+.8	+1.4	−.3	+1.2	+3.5
Average 1897–1939	44.6	48.0	51.3	56.2	61.4	68.1	73.6	72.4	67.7	60.4	52.3	45.7

TABLE 5.—*Colorado: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1888	−0.31	−0.48	−0.58	−0.37	+0.32	−0.87	−0.30	−0.27	−1.13	−0.10	+0.27	−0.58
1889	− .25	− .44	− .72	− .14	+ .15	− .05	− .66	− .66	− .66	+ .49	+ .23	+ .04
1890	− .22	− .16	− .52	+ .86	− .96	− .81	− .53	− .02	− .83	− .41	− .35	− .48
1891	+ .76	+ .35	+ .73	− .52	+1.31	+ .59	+ .37	− .35	+ .25	− .81	− .15	+ .95
1892	− .06	+ .09	+ .34	− .10	+ .82	− .28	+ .05	− .69	−1.20	+ .20	− .27	+ .26
1893	− .37	+ .37	− .26	− .72	− .23	− .60	− .27	− .05	− .73	− .71	0	+ .06
1894	− .25	+ .17	− .41	− .51	− .74	− .34	− .20	− .43	− .07	− .57	− .50	+ .34
1895	+ .56	+ .16	− .33	− .70	+ .72	+ .95	+1.39	− .09	− .76	− .08	+ .26	− .15
1896	+ .09	− .39	+ .41	− .34	− .75	− .35	+ .20	− .26	+ .65	− .22	− .09	− .28
1897	+ .08	+ .77	+1.06	− .22	+ .05	+ .46	− .13	+ .42	− .06	+ .88	− .25	0
1898	− .18	− .61	− .44	− .34	+1.70	+ .31	− .01	− .52	− .47	− .33	+ .16	− .06
1899	+ .03	− .04	+ .26	−1.00	+1.26	− .14	+ .79	− .37	− .61	+ .59	+ .02	0
1900	− .55	− .16	− .85	+4.22	− .61	− .14	−1.09	−1.26	− .17	− .44	− .34	− .58
1901	− .21	− .36	+ .04	+ .47	+ .44	+ .06	−1.11	+ .31	− .71	− .56	− .57	− .06
1902	− .34	− .41	− .20	− .97	+ .40	− .30	− .88	− .09	+ .56	− .27	− .09	+ .07
1903	− .32	+ .38	− .28	− .25	− .80	+1.36	− .56	− .51	− .22	− .29	− .49	− .62
1904	− .41	− .44	− .09	− .71	+ .94	+1.17	− .10	+ .41	+ .05	− .32	− .74	− .55
1905	+ .08	+ .01	+ .99	+2.20	+ .35	− .41	− .14	− .59	− .05	− .09	+ .04	− .70
1906	− .08	− .66	+1.16	+1.35	− .09	− .40	+ .32	− .15	+1.21	+ .53	+ .33	− .21
1907	+ .23	− .15	− .34	+ .25	+ .48	− .24	+ .22	+ .19	− .16	− .26	− .41	+ .12
1908	− .23	0	− .53	− .76	+ .23	− .44	+ .38	+ .70	− .53	+1.05	+ .41	+ .41
1909	+ .66	+ .34	+ .20	+ .14	− .57	+ .04	+ .09	+1.16	+1.28	− .37	+ .79	+ .80
1910	+ .16	+ .13	− .72	− .51	− .29	− .56	− .22	− .19	− .10	+ .20	− .03	+ .08
1911	+ .56	− .73	+ .07	− .09	−1.03	− .01	+1.09	− .05	+ .34	+1.08	+ .28	− .13
1912	0	+ .21	+1.20	− .20	− .27	+1.04	+ .65	− .11	+ .02	+ .53	− .29	− .34
1913	+ .02	+ .36	− .44	− .47	− .95	+ .56	+ .05	− .39	+ .78	− .14	+ .17	+1.83
1914	+ .93	− .25	− .50	+ .71	+ .65	+ .45	+1.28	+ .06	− .63	+ .96	− .68	− .12
1915	+ .20	+ .50	− .37	+1.32	+ .70	+ .27	− .53	+ .36	+ .58	− .52	+ .21	+ .32
1916	+ .98	− .09	− .03	+ .14	− .55	− .93	+ .28	+1.12	− .43	+1.56	− .13	+ .38
1917	+ .09	− .15	− .25	+ .37	+1.36	− .88	− .51	− .21	− .02	− .60	− .41	− .45
1918	+ .93	+ .27	+ .42	− .20	−1.07	+ .09	+ .51	− .29	+ .93	+ .08	+ .32	+ .36
1919	− .61	+ .24	+ .20	+ .14	− .81	− .53	+ .81	− .55	+ .59	+ .31	+1.10	− .07
1920	− .10	+ .14	− .07	+1.26	− .16	+ .11	− .45	+ .39	− .23	+ .61	− .14	− .01
1921	+ .20	− .31	− .06	+ .88	− .48	+1.60	+ .50	+1.28	− .82	− .23	− .19	+ .60
1922	+ .08	+ .06	+ .11	+ .45	− .48	− .53	− .30	+ .19	− .94	− .70	+ .90	+ .36
1923	− .26	− .18	+ .34	− .43	+ .46	+ .79	+1.00	+1.40	+ .31	+1.36	− .12	+ .16
1924	− .39	− .48	+1.02	− .43	+ .10	−1.01	− .92	−1.23	− .13	+ .29	− .29	+ .82
1925	− .40	− .37	− .24	−1.10	− .48	+ .34	+ .68	+ .71	+ .42	+ .85	+ .16	− .01
1926	− .11	− .24	+ .44	+ .63	+ .34	− .12	+ .32	− .53	− .36	− .16	+ .18	+ .19
1927	− .22	+ .58	+ .51	− .30	−1.08	+1.85	+ .56	+ .81	+1.32	− .44	+ .21	+ .12
1928	− .50	− .20	+ .30	− .74	+1.36	+ .75	+ .02	− .63	− .86	+ .70	+ .95	− .50
1929	− .07	− .03	+ .17	− .13	− .28	− .81	+ .89	+1.23	+1.25	+ .10	+ .08	− .64
1930	+ .47	− .30	− .42	− .67	+ .51	− .66	+1.16	+1.20	− .19	− .18	+ .62	− .62
1931	− .60	+ .27	− .14	− .48	− .20	− .15	− .76	− .57	+ .11	− .15	+ .62	− .32
1932	0	+ .14	− .11	+ .05	−1.06	+ .20	+ .07	+ .08	− .79	− .22	− .53	− .06
1933	− .24	− .51	− .40	+ .75	+ .03	− .49	− .36	+ .29	+ .52	− .86	− .24	+ .27
1934	− .55	+ .63	− .82	− .81	− .54	− .46	−1.07	− .35	− .24	−1.05	+ .05	− .30
1935	+ .01	− .42	− .31	+ .31	+1.85	− .58	− .66	− .17	+ .58	− .35	− .31	− .54
1936	− .01	+ .53	− .32	− .94	− .16	+ .01	− .03	+ .71	+ .28	+ .02	− .45	+ .02
1937	0	+ .23	+ .12	− .75	− .69	+ .53	− .35	− .51	− .15	− .31	− .14	+ .21
1938	+ .05	0	+ .86	+ .32	+ .59	+ .29	− .51	− .17	+1.66	− .28	+ .15	− .01
1939	+ .53	+ .10	− .17	− .83	− .86	− .58	−1.28	− .86	− .25	− .56	− .52	− .44
Average 1888–1939	.77	.99	1.31	1.74	1.89	1.40	2.18	1.94	1.35	1.15	.78	.90

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1888	− 3.5	+2.9	−3.5	+3.5	−3.2	−1.0	−0.7	−5.2	−2.1	−5.8	−3.6	+1.7
1889	− 3.7	−3.8	+3.0	+2.8	− .1	− .5	− .4	+ .4	−3.2	+ .5	−5.2	+9.7
1890	+ .1	+2.9	+1.8	+ .7	+2.2	+2.3	+4.7	+1.3	+ .3	−1.2	+3.8	+6.5
1891	− 3.4	−3.2	−5.4	− .7	+ .3	−1.3	− .8	+ .7	+1.6	+ .5	0	−2.1
1892	− 2.6	+2.9	−1.5	−1.3	−3.0	+ .2	+ .7	− .3	+3.5	0	+ .1	−1.7
1893	+ 5.2	−1.6	−1.5	−1.8	−1.3	−3.3	+1.6	− .5	+1.3	−1.6	−1.2	+4.9
1894	+ .1	−6.6	+1.7	+1.9	+2.7	− .4	+ .6	+1.4	−1.5	+2.2	+4.3	+1.7
1895	− 1.0	−5.4	−1.0	+2.5	+ .7	−2.8	−3.1	+ .5	+3.0	+ .1	−2.3	−2.0
1896	+ 6.0	+1.9	−1.5	+1.2	+1.8	+3.6	+1.5	+1.0	− .6	− .1	−4.0	+5.2
1897	− 2.3	−2.1	−3.7	− .6	+3.7	− .6	−1.9	− .6	+3.1	+ .4	+2.1	−2.5
1898	− 2.9	+3.6	−2.8	+2.1	−2.2	+ .5	+ .4	+1.6	−1.2	−2.8	−4.3	−6.1
1899	− 1.3	−8.9	−1.7	+1.6	0	+ .4	− .5	+ .8	+2.3	− .5	+3.8	− .7
1900	+ 5.3	− .3	+4.4	−1.2	+3.5	+3.7	+ .5	+1.6	0	+2.8	+2.7	+3.6
1901	+ 2.7	− .1	+ .1	+ .5	+3.0	+1.3	+4.3	+2.6	+ .7	+2.7	+4.6	+2.1
1902	+ 2.2	+4.5	−1.0	+2.3	+2.9	+1.7	−2.1	+1.5	−1.0	+1.6	+ .8	− .2
1903	+ 2.0	−9.8	− .7	− .5	−1.2	−2.8	+ .3	+1.0	−1.6	+1.3	+2.0	+2.6
1904	− 1.1	+6.3	+3.5	+ .2	− .8	−3.6	−3.0	−1.8	− .3	− .2	+2.0	+1.2
1905	− .3	−4.7	+4.4	−1.5	−2.5	+ .8	−3.0	+ .4	+1.2	−2.9	+2.0	−3.4
1906	+ 2.2	+2.7	−3.9	+ .7	+ .4	− 1.7	−4.0	−1.7	− .8	−1.4	− .8	+6.3
1907	+ 3.8	+7.8	+6.1	− .7	−5.2	−3.6	−1.0	−1.1	− .5	+2.3	−1.8	+ .2
1908	+ .3	0	+2.9	+ .8	−3.1	−2.8	−1.7	−1.5	+ .3	−3.7	−2.6	−2.8
1909	+ 3.6	−1.2	−1.5	−3.5	−3.2	0	+ .9	+1.7	− .8	+1.3	+1.2	−9.6
1910	− .5	−3.2	+8.3	+2.2	− .7	+ .9	+ .3	−1.1	+1.7	+1.2	+3.8	+2.9
1911	+ 5.9	−1.1	+3.5	+ .1	+ .7	+ .9	−3.0	−1.4	+1.7	−3.6	−5.0	−6.0
1912	− 1.4	−1.7	−5.2	−3.5	−1.7	−3.9	−3.4	−2.0	−6.8	−1.6	+ .3	−4.1
1913	− 4.1	−4.9	−3.4	+ .1	+1.5	−1.0	−1.4	+1.5	−3.4	−3.7	+3.2	−6.4
1914	+ 2.6	−1.9	+ .3	+ .6	+1.0	+ .5	−1.1	− .6	+1.4	+ .9	+3.8	−5.9
1915	− 3.1	+1.5	−3.9	+3.2	−2.8	−3.6	−3.0	−3.6	− .9	+1.6	+ .8	+1.0
1916	− 2.2	+2.4	+4.9	− .8	−1.4	−1.3	+ .6	−2.2	−1.9	−2.0	−3.4	−4.9
1917	− 4.0	− .6	−6.2	−4.0	−6.4	−3.0	+ .5	−2.7	− .2	−1.9	+4.4	+5.0
1918	− 5.9	+1.5	+4.6	−4.3	− .2	+3.3	+1.6	+1.0	−2.4	+2.5	−4.4	−1.9
1919	− 2.9	−4.0	−1.4	+ .7	+ .9	−1.1	+ .8	+ .8	+1.5	−5.1	−3.4	−2.3
1920	+ 2.9	+1.4	−2.3	−8.5	− .1	−1.8	−1.2	−3.6	−1.6	− .9	−2.8	−1.3
1921	+ 3.0	+2.7	+4.8	−3.0	+ .6	− .2	− .3	−1.1	+ .3	+3.4	+2.6	+5.2
1922	− 3.9	−1.1	−1.6	−3.0	− .7	+1.7	− .9	+1.4	+1.7	+ .4	−2.6	+2.3
1923	+ 5.5	−2.8	−5.2	−2.2	− .9	−1.8	+ .3	−2.3	−3.0	−5.1	+ .3	− .2
1924	− 3.9	+4.3	−8.0	−1.7	−2.5	+ .8	−1.5	− .2	−1.5	+ .8	+1.4	−6.4
1925	− 4.9	+3.5	+3.0	+3.3	+3.2	+ .1	+ .5	−2.1	− .3	−3.5	−2.5	+1.0
1926	− 1.8	+4.8	−1.1	− .2	+ .4	− .2	−2.7	+ .2	−1.0	+1.6	+ .2	−2.2
1927	+ 4.3	+3.6	−2.0	+ .5	+2.3	−1.1	−1.4	−4.1	−1.2	+1.6	+3.7	−5.3
1928	+ 4.4	+ .3	+2.3	−2.3	+1.1	−4.1	−1.5	−1.8	− .6	+ .8	−1.1	−2.6
1929	− 1.7	−7.5	+ .1	−1.3	− .6	+ .1	+ .8	+ .8	−2.5	0	−7.5	+2.9
1930	− 9.3	+6.4	−2.1	+5.7	−2.1	+ .4	+ .5	+ .2	− .3	− .9	−2.2	−3.3
1931	+ 1.0	+5.4	−2.4	+1.0	−1.3	+3.2	+2.5	+1.0	+3.8	+2.8	−2.7	−1.9
1932	− 4.3	+5.1	−3.5	+1.6	+2.2	− .8	+2.3	+1.7	+ .2	−1.1	+2.1	−7.1
1933	+ 1.1	−6.7	+2.8	−2.8	−1.8	+4.3	+2.8	+ .2	+4.5	+4.4	+3.9	+7.6
1934	+ 6.3	+7.0	+6.2	+4.3	+7.3	+2.6	+4.6	+3.8	− .9	+5.2	+2.8	+3.2
1935	+ 6.1	+4.2	+2.8	0	−3.6	+ .9	+2.8	+2.6	+ .9	+ .6	−1.4	+1.9
1936	+ 1.0	−2.0	+2.3	+1.8	+4.2	+4.4	+3.6	+2.4	+ .5	− .5	+ .5	+2.9
1937	−10.1	− .1	− .7	+ .2	+3.4	0	+2.5	+4.4	+3.0	+2.5	+1.3	+2.1
1938	+ 2.9	+3.4	+3.2	+1.2	− .4	+1.3	0	+2.9	+2.3	+3.3	−4.7	+1.6
1939	+ 1.9	−7.9	+1.0	+2.3	+3.6	+ .8	+2.5	+ .9	+3.6	+1.1	+2.5	+6.6
Average 1888–1939	24.0	27.1	34.6	43.7	52.3	61.7	67.2	65.6	58.0	46.8	35.2	25.7

TABLE 6.—*Delaware: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1895	+1.71	−1.53	−0.12	+1.85	+0.24	−0.96	−1.70	−2.23	−1.57	−0.29	−0.72	−1.02
1896	−1.76	+3.17	+1.01	−2.08	+ .32	+1.40	− .03	−3.39	+ .47	+ .02	+ .52	−2.13
1897	−1.38	+1.98	−1.01	− .36	+ .60	− .94	+3.72	−1.63	−1.94	+2.76	+1.12	+ .42
1898	− .13	−1.14	−1.06	+ .06	+1.39	− .83	− .65	+ .11	− .14	+1.04	+1.92	+ .07
1899	+ .27	+3.01	+1.59	−1.98	− .94	−2.29	+1.37	− .05	− .68	+ .47	− .51	−1.54
1900	− .04	+1.10	− .01	−1.15	− .31	+ .67	−2.05	−2.17	− .74	− .05	− .07	− .54
1901	− .44	−2.14	− .13	+1.58	+ .24	−1.55	+ .88	+2.17	−1.04	−1.55	− .46	+2.59
1902	+ .26	+1.68	+ .01	+ .71	−1.53	+2.38	−1.52	−3.34	+2.65	+1.75	+ .40	+2.66
1903	+ .35	+2.43	+2.37	+ .12	−1.38	− .42	− .54	− .38	− .20	+3.09	−1.30	+ .74
1904	−1.33	− .89	− .31	−1.14	−1.51	+ .12	+1.23	−2.54	− .28	− .36	− .49	+1.24
1905	+ .76	+ .93	− .61	− .47	− .28	+ .01	+ .51	+1.53	+1.32	−1.09	−1.57	+1.29
1906	− .30	+ .57	+2.38	−1.19	− .12	+3.50	+2.21	+4.29	−1.98	+1.33	− .67	+ .66
1907	−1.02	− .76	− .74	− .18	+2.98	+1.57	−1.08	−1.67	+2.90	− .22	+3.12	+1.13
1908	− .01	+1.16	−1.99	− .73	+3.23	−1.89	+ .72	+ .10	−1.00	−1.33	−1.35	+ .91
1909	− .54	+ .36	+ .09	+ .76	+ .55	+1.00	−2.62	−1.99	− .55	−1.92	− .54	+ .45
1910	+ .69	−1.68	−1.15	+ .31	−1.11	+2.50	−1.21	−1.64	−2.73	+2.25	− .22	− .39
1911	+ .76	−1.11	− .63	+ .12	−2.72	− .25	−1.87	+4.91	−1.49	− .31	+2.65	+ .24
1912	+ .10	− .33	+3.43	− .71	+ .86	−1.86	− .30	−3.09	+1.16	−1.12	+ .08	+ .95
1913	− .15	−1.40	+ .13	+1.60	+1.01	−1.48	−2.52	−1.36	+ .43	+1.53	−1.12	−1.03
1914	− .18	− .52	− .71	− .16	−1.41	− .78	+ .69	−1.02	−2.81	−1.37	− .70	+2.79
1915	+2.27	+1.08	−2.47	−1.10	+ .49	+1.43	−1.63	+3.09	−2.59	+ .94	−1.74	− .25
1916	−1.78	+ .38	− .22	−1.12	+ .92	+ .08	+1.17	−3.82	+ .15	−1.61	− .38	+1.02
1917	− .36	− .85	+2.53	−1.02	− .31	+ .61	+1.33	−1.42	− .14	+3.85	−2.17	−1.27
1918	+ .87	−1.97	− .25	+ .79	+ .02	− .95	−2.40	−3.41	+ .43	−2.25	−1.39	+ .34
1919	+ .56	− .25	+ .90	+ .37	+2.51	−1.63	+6.16	+4.58	−1.26	− .42	+ .69	− .22
1920	− .43	+2.30	+ .13	+ .39	−1.11	+1.70	+ .15	+3.17	− .62	−2.07	+3.22	+ .11
1921	− .98	+ .19	−1.22	+ .07	+ .33	−1.14	−1.24	−1.14	−1.33	−2.14	+1.32	−1.17
1922	+ .63	+ .24	+ .75	−1.22	−1.32	+1.52	+1.65	− .17	−1.23	−1.73	−1.84	+ .77
1923	+1.26	− .23	+1.87	+ .68	−2.09	−1.50	+ .84	−2.18	+ .44	+ .44	+ .19	− .16
1924	+ .55	+ .62	+1.61	+1.98	+1.85	+1.93	−1.43	− .39	+2.19	−2.75	+ .53	− .57
1925	+1.98	− .45	− .58	−2.21	− .05	+ .50	−1.55	−2.43	+1.42	+ .38	−1.11	+ .96
1926	− .44	+ .78	−1.43	−1.63	− .57	−1.33	+5.73	+ .70	+ .32	− .68	+1.04	+ .08
1927	−1.81	+ .43	−1.81	− .45	− .02	− .43	+ .72	0	−1.45	+1.71	+ .78	+ .98
1928	− .51	+ .06	− .92	+2.34	−1.24	+1.83	+ .14	+5.04	+3.08	−2.01	− .94	− .96
1929	− .70	+1.51	− .34	+3.20	−1.43	− .49	−3.46	−2.12	+ .50	+1.19	− .04	− .70
1930	+ .08	−1.10	−1.73	−1.55	− .25	−1.33	−1.74	−3.37	− .69	−1.69	− .62	−1.43
1931	−1.31	−1.60	+1.51	− .23	+ .83	− .11	−1.62	+4.92	−1.49	− .53	−1.80	−1.09
1932	+2.18	− .44	+2.73	−1.02	+1.77	− .10	+2.30	−2.84	−1.29	+3.56	+2.84	+ .47
1933	+ .43	+ .54	− .58	+1.88	+1.92	−1.17	+ .76	+7.77	− .05	−1.87	−1.03	+ .25
1934	−1.12	+ .98	+1.53	− .41	+3.33	− .97	+2.45	+ .44	+5.63	−1.06	+ .99	− .79
1935	+2.11	+ .16	− .48	+ .27	+ .19	+1.29	− .41	−1.30	+7.48	− .22	+2.68	− .80
1936	+3.85	+1.43	+1.87	− .53	−1.79	+ .18	− .73	+1.12	+1.30	−1.33	−1.73	+1.54
1937	+4.89	− .36	−1.17	+1.65	+ .20	+1.63	−2.10	+3.33	−2.01	+2.33	+ .95	−2.23
1938	− .64	− .53	−1.13	−1.67	+ .87	+1.54	+4.95	−1.56	+4.87	− .81	+ .29	− .71
1939	+ .43	+2.56	+1.37	+2.12	−2.83	− .41	−2.52	+4.54	−1.52	+1.49	−1.30	−1.80
Average 1895–1939	3.38	3.14	3.73	3.54	3.41	3.87	4.74	4.96	3.49	3.14	2.66	3.41

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1895	− 3.4	− 9.9	− 2.5	−0.6	−1.4	+2.5	−3.7	+2.6	+2.5	−5.5	+1.4	+3.3
1896	− 3.0	+ 1.2	− 5.2	+3.2	+4.2	− .6	+1.0	+1.3	−1.6	−3.4	+5.1	−2.5
1897	− 3.3	+ 1.4	+ 1.1	+ .1	− .9	−2.5	− .3	−1.0	− .8	+ .4	+ .1	+1.2
1898	+ 1.7	+ 1.4	+ 4.8	−2.6	−1.4	+ .1	+1.3	+2.2	+1.6	+1.4	−2.3	− .1
1899	− .2	− 6.9	− 1.4	− .4	+ .1	+2.8	+ .7	− .1	−2.3	+ .9	−1.5	+ .7
1900	− .7	− 1.5	− 5.0	+ .5	+ .9	+ .8	+2.5	+4.2	+2.9	+3.4	+3.4	−2.0
1901	− 1.5	− 6.4	− .7	−2.8	−1.9	+ .7	+4.0	+2.2	− .6	−1.6	−6.1	−1.8
1902	− 3.5	− 5.7	+ 2.8	− .3	+ .7	− .1	+ .2	−1.4	−1.3	+ .4	+5.9	−1.3
1903	− 1.4	+ 2.6	+ 6.5	+ .1	+1.0	−4.9	− .9	−2.1	−1.5	− .2	−4.0	−5.3
1904	− 6.4	− 6.3	− 2.2	−3.2	+1.2	− .9	−2.0	−1.7	−1.2	−3.6	−4.3	−6.7
1905	− 5.5	− 8.2	+ 1.0	0	+1.3	− .2	− .3	−1.2	− .9	+ .4	−1.7	+1.6
1906	+ 5.2	0	− 4.9	+1.7	+ .9	+1.6	−1.3	+2.4	+3.5	− .1	− .5	+ .8
1907	+ 2.5	− 5.5	+ 2.7	−5.3	−5.0	−5.8	− .3	−1.7	+ .9	−5.3	−1.3	+4.4
1908	− .7	− 2.5	+ 4.2	+2.6	+1.9	+ .3	+2.0	−2.4	−1.9	+1.8	− .6	+ .8
1909	+ 3.1	+ 8.7	− 1.6	+1.0	+ .3	+ .7	−2.3	−2.2	−2.2	−4.2	+3.1	−4.6
1910	− 1.5	+ 1.5	+ 5.9	+4.4	− .1	−2.2	+ .8	−1.6	+1.2	+2.4	−4.4	−6.3
1911	+ 3.6	+ 1.8	− 2.8	−3.0	+4.1	+ .6	+1.8	+ .9	+ .9	− .1	−1.8	+4.8
1912	− 8.5	− 3.2	− 2.3	+1.6	+1.6	− .4	− .8	− .7	+1.5	+2.6	+1.3	+3.8
1913	+ 9.3	+ 1.4	+ 5.7	+2.5	+ .7	+ .3	+1.0	− .5	− .6	+2.1	+2.3	+3.7
1914	+ 2.6	− 3.2	− 4.8	− .2	+2.7	+1.4	− .9	+2.0	−2.2	+3.2	+ .3	−2.3
1915	+ 2.2	+ 5.1	− 4.6	+5.1	− .8	−2.0	+ .2	0	+2.4	+2.0	+ .1	−1.8
1916	+ 3.8	− 1.7	− 7.5	−1.2	+2.1	−3.1	+ .2	+ .4	−2.2	− .4	−1.1	−2.7
1917	− 1.0	− 2.9	− 1.7	− .3	−6.2	+ .2	− .4	+ .5	−5.2	−5.0	−5.0	−8.2
1918	−12.1	− 1.2	+ 1.4	− .4	+4.3	−2.1	−2.2	+2.2	−4.5	+2.0	−1.1	+4.5
1919	+ 2.2	+ 1.6	+ 3.0	− .3	+ .8	+ .1	− .5	−2.0	− .4	+5.9	+ .1	−4.8
1920	− 6.8	− 2.8	+ .2	− .4	−4.6	− .4	−1.9	0	− .3	+3.6	− .2	+2.9
1921	+ 2.1	+ 3.6	+11.2	+5.8	−1.4	+1.2	+2.2	−2.2	+4.7	− .6	+1.9	− .2
1922	− 3.6	+ 3.2	+ 1.6	+1.5	+1.9	+2.1	− .9	−1.6	+ .2	+1.9	+ .5	+ .4
1923	+ .9	− 3.7	+ .6	− .7	−1.3	+3.4	−2.6	−1.5	+ .1	−1.4	−1.5	+7.4
1924	+ .6	− 1.3	− 2.3	−3.6	−2.1	+2.5	− .3	−3.9	− .6	− .3	− .2	+ .2
1925	− 1.5	+ 8.4	+ 3.2	+2.6	−3.2	+6.1	0	−2.1	+3.6	− .4	−1.5	+ .1
1926	− .8	+ .9	− 4.1	−1.9	−1.1	−2.6	− .3	+1.6	− .2	− .6	−1.6	−3.9
1927	− 1.3	+ 6.3	+ 2.2	−2.4	−1.5	−4.2	−1.2	−4.9	− .7	+1.9	+4.7	+2.4
1928	+ .2	+ 1.5	− 1.2	−1.9	−2.1	− .9	+ .5	+2.5	−3.8	+1.2	+1.8	+ .7
1929	− .3	+ .4	+ 6.3	+3.3	− .5	+ .2	− .6	−1.8	+ .7	−2.4	+1.5	+1.4
1930	+ 1.4	+ 5.6	+ .3	−2.0	+2.5	+2.4	+2.1	− .1	+5.1	−2.5	+ .3	−1.2
1931	+ 1.0	+ 2.7	− 2.8	− .8	− .3	+ .5	+2.7	+1.3	+4.8	+3.4	+6.4	+7.7
1932	+11.4	+ 1.2	+ 3.3	− 1.1	− .2	+ .6	0	+1.2	+ .6	+1.2	− .8	+2.7
1933	+ 7.3	+ 3.5	− 1.6	+ .4	+3.1	+2.0	−1.2	+1.1	+2.9	− .6	−2.3	+ .7
1934	+ 3.4	−11.6	− 3.3	− .7	+1.5	+4.3	+2.5	−1.6	+1.3	−2.2	+2.6	− .4
1935	− 1.6	− .4	+ 4.5	−1.6	−3.1	− .2	+ .9	+ .1	−2.5	− .2	+3.9	−5.6
1936	− 4.2	− 7.0	+ 5.5	−1.5	+2.4	+ .1	− .1	+1.9	+ .8	+1.4	−1.7	+3.3
1937	+ 9.3	+ 2.2	− 3.6	− .4	+ .8	+ .9	− .2	+1.6	−3.3	−1.9	− .3	− .5
1938	0	+ 5.0	+ 3.5	+2.6	−1.7	− .6	+ .5	+2.3	−1.4	+ .7	+3.3	+1.6
1939	+ .9	+ 6.6	+ 1.0	− .7	+ 1.7	+2.1	−1.2	+2.3	+ .8	+1.3	−2.6	+1.8
Average 1895–1939	35.0	34.6	43.4	52.7	63.1	71.4	76.2	74.5	68.7	57.4	46.5	36.7

TABLE 7.—*Florida: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891	−0.79	−1.54	+0.42	+0.07	−1.35	−0.79	−0.75	−1.33	+1.24	+0.11	−0.21	−0.20
1892	+.59	−1.72	−1.48	−2.07	−1.83	+2.27	−2.45	+1.11	+3.06	−.28	−1.43	+.04
1893	−.87	+.97	+2.38	−.49	−1.08	+1.01	−2.14	−.15	.27	+.10	+.65	+.41
1894	−.57	−.21	−1.21	−1.73	−1.67	−.61	+1.00	+.34	+6.38	−.45	+.83	−1.58
1895	+.65	+.13	−.60	+1.78	+.37	−2.40	+.11	−1.11	−2.03	−.93	+.57	−1.08
1896	+1.31	−.09	−.52	−2.37	−1.22	+4.05	+.87	−1.31	−2.35	−1.07	+1.48	−.58
1897	−.85	+2.91	−1.01	+1.63	−1.66	−1.71	−.12	−.39	+4.40	+.15	−.37	+.05
1898	−2.03	−1.11	−1.84	−1.53	−2.45	−3.56	+1.60	+5.73	−1.47	+2.07	+.09	+1.30
1899	+1.93	+2.83	−1.20	+.61	−2.86	−1.15	+1.90	−.51	−1.57	+2.07	−1.41	−.71
1900	+.57	+1.27	+3.71	+1.56	0	+2.87	+.16	−2.68	−1.77	+1.37	−.92	+1.72
1901	−.33	+1.11	+2.28	−.69	+.27	+3.21	−.90	+3.58	+1.61	−2.41	−1.31	−.14
1902	−2.10	+1.71	+1.20	−1.47	−1.57	−.75	−2.07	−2.38	+2.81	+1.35	+.96	+.92
1903	+2.49	+2.49	+2.36	−2.45	+.87	0	−.70	−.27	+.76	−2.37	+.63	−.96
1904	+2.38	−.09	−1.51	−1.18	−1.44	−.40	−1.05	+.29	−2.20	+.49	+.80	−.82
1905	−1.05	+.21	+.76	−.35	+1.60	−1.77	+.69	+4.55	+1.05	−1.37	−1.29	+4.70
1906	+1.85	−.39	+.10	−1.67	+2.94	+.99	+2.32	+.37	−1.43	−1.13	−1.01	−1.68
1907	−2.01	−1.77	−2.55	+.55	+.88	−.59	+.44	−1.09	+1.65	−2.68	+.21	+3.14
1908	+.53	−.89	−2.39	+.39	−1.32	−.63	−.68	−.13	+2.73	−.75	−.29	−1.70
1909	−1.04	−1.34	−.30	−.13	+.26	−.25	+3.88	+.62	−2.55	−2.17	−1.29	−.04
1910	−1.39	+.28	−1.20	−1.73	−1.48	+3.15	+.39	+1.57	−3.59	+4.83	−.29	−1.66
1911	−1.43	−2.95	−.92	−.76	+.52	−2.09	−1.04	+1.78	−2.75	+1.01	+1.95	+1.78
1912	+2.79	+.04	+.84	+1.47	+1.75	+5.15	−1.56	−1.33	+3.16	−.06	+.71	−.41
1913	−.84	+1.66	+2.46	−.89	−.88	−1.41	−1.84	−.23	−.75	−1.33	−1.17	+.72
1914	+1.53	+1.87	−1.57	−.51	−2.28	−2.69	−1.28	−1.49	+.64	−.22	+.80	+1.72
1915	+2.82	+.71	−.49	−1.65	+2.11	−1.61	−.02	−.26	−1.69	+3.25	+.38	−.12
1916	−1.59	−1.98	−2.21	−.61	−.14	−.45	+1.00	−1.03	−1.77	−.15	+1.47	+2.18
1917	−1.25	−1.31	−1.10	−1.35	−1.36	−1.58	−.68	+.65	+.98	−1.54	−1.61	−1.24
1918	+.37	−2.32	−.60	+2.75	−1.56	−1.59	−1.74	−1.27	−.29	+1.59	+1.27	+.98
1919	−.39	+1.77	+2.32	−.51	+2.45	+.45	+1.56	−.29	−1.91	−1.81	+1.10	+.04
1920	−.14	+2.29	−1.84	+3.43	+1.02	−.71	−.09	−.45	+1.37	−2.41	+1.87	+.68
1921	−1.37	−1.36	−1.12	−.85	+1.62	−3.19	+1.16	−2.69	−4.55	+4.47	+.49	−.42
1922	−.49	−.17	−.68	−1.97	+3.46	−.45	−.50	+.97	+.86	+3.86	−.65	+.27
1923	−.93	−1.43	−.92	−.47	+5.00	+2.21	−.24	−.31	−2.12	−.73	−1.34	−1.22
1924	+1.44	+.19	+2.88	+.39	−.80	−.51	+2.42	−2.87	+1.91	+6.01	−1.65	−.24
1925	+2.35	−1.01	−1.24	−1.41	+1.66	−.69	−.10	−.43	−4.25	−.75	+1.82	+3.16
1926	+3.11	−.81	+1.24	+1.62	−1.28	+1.12	+2.14	+1.13	+1.27	−1.59	+.96	−1.68
1927	−2.32	+.45	−.70	−1.58	−3.07	+.43	−.25	−.87	−2.72	−.57	−.95	+.21
1928	−1.99	−.01	+1.30	+4.78	−.36	+.05	+.16	+2.57	+4.87	−1.10	−1.49	−1.25
1929	+.51	−.95	+.28	−.68	+.93	+1.10	+.96	−.70	+4.11	−.19	−.53	+.26
1930	+.95	−.08	+4.36	+.45	−.04	+3.69	−2.74	−2.81	+2.01	−1.65	+1.49	+1.50
1931	+.61	−.97	+2.08	+1.42	−.70	−4.59	−1.33	−.79	−1.83	−1.98	−1.73	+.45
1932	−.15	−2.01	+.52	−1.62	+2.16	+1.71	−3.55	+2.73	−.31	+.09	+2.33	−1.64
1933	−.30	+.29	+.78	+4.57	−1.50	−1.69	+2.87	−.57	+.55	+.35	−.64	−2.04
1934	−1.23	+.75	+.35	+1.21	+2.68	+3.27	+.08	−1.72	−2.40	−.49	−.60	−1.68
1935	−1.27	−.45	−2.02	+1.31	−.20	−1.65	+1.91	+1.89	+2.58	−1.87	−.65	+.08
1936	+2.75	+3.61	+.19	−.70	+.12	+1.30	−.77	−.33	−2.16	+1.25	−.66	+.28
1937	−.97	+1.91	+1.22	+2.07	−.59	−1.00	−.34	+1.67	+.46	+.68	+2.15	−1.46
1938	−.71	−1.76	−1.23	−1.58	+.09	+.03	+1.20	−3.25	−.83	+.45	−.59	−1.37
1939	−1.13	−.88	−1.56	+1.43	+1.01	+2.42	+.35	+3.71	−1.00	−1.26	−.83	−.56
Average 1891–1939	2.75	3.13	3.10	2.89	4.00	6.71	7.24	7.07	6.67	4.25	2.19	2.72

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891	−3.2	+6.9	−0.1	−1.5	−1.8	+0.8	−0.1	+0.2	−1.4	−3.6	−1.4	+3.6
1892	−3.1	+.5	−3.8	+1.1	−.2	−1.2	−.1	−.6	−1.2	−1.8	−2.4	+.7
1893	−6.9	+3.9	−2.1	+2.4	+.6	+.3	+1.3	0	−.6	−.3	−.2	+1.4
1894	+2.2	+1.5	+1.3	−.1	−1.0	−1.8	−1.1	−.4	−.8	−.4	−.7	+.3
1895	0	−8.9	−.4	−1.7	−.2	−.2	−.3	−.3	−.2	−1.5	0	−3.0
1896	−3.3	−2.4	−2.4	+.9	+1.4	+.1	+.1	+.6	0	−1.0	+5.0	−2.1
1897	−4.4	+2.5	+4.5	+.2	−1.4	+2.4	+.8	+.3	−2.2	−.4	+1.6	+1.1
1898	+1.4	−2.7	+2.5	−1.7	+.8	+1.2	+.3	−.6	+.7	−1.0	+1.1	−2.7
1899	+.4	−1.9	+.8	−2.2	+2.6	+.6	−.4	+.8	−1.0	+.4	+1.0	−.5
1900	−3.0	−2.1	−2.4	0	0	−.3	+.4	+1.0	+1.0	+3.0	0	−.3
1901	−1.5	−4.4	−3.1	−4.5	−.6	−.4	+.5	−1.0	−.3	−.5	−5.6	−2.9
1902	−3.9	−5.9	−2.0	−1.3	+2.2	+1.0	+.9	+.6	+.1	+1.6	+3.8	+.8
1903	−1.4	+2.5	+4.0	−2.5	−1.6	−1.0	−.1	+1.0	−1.3	−2.0	−2.2	−6.3
1904	−3.8	+.7	+2.5	−1.1	−.6	−1.0	−1.2	0	+.4	−2.6	−1.3	
1905	−6.1	−2.1	+1.6	+.3	+3.2	+.4	+.3	−.5	+1.2	+.5	+1.2	−1.4
1906	−.6	−1.8	−2.3	+.1	−.3	+.8	−.3	0	+1.4	−1.3	+1.6	−.1
1907	+4.4	−.1	+5.8	−1.9	+.8	−.8	+.1	0	+.8	−1.4	0	−.7
1908	−1.5	−3.7	+4.0	+5.9	+.4	−.5	−.1	−.2	−.8	−2.8	+.7	+3.5
1909	+3.6	−.3	+1.1	+1.5	−.4	+1.0	−.4	+.5	−.8	−1.3	+1.6	−4.2
1910	−2.8	−2.3	−.3	−1.7	−.4	−1.2	−.9	−.8	0	+.2	−3.7	−6.1
1911	+2.2	+2.6	+1.1	+2.3	−.8	+1.4	−.7	−.7	+1.8	+3.8	+1.1	+3.6
1912	−2.2	−5.6	+1.1	+3.1	+2.2	−.9	+.5	+.2	+1.1	+2.0	−2.2	+3.7
1913	+6.6	+1.3	+3.0	−1.5	−1.2	−1.7	+.4	−.7	−1.5	−3.0	+.6	+.9
1914	−1.4	−1.2	−5.5	+1.1	+.3	+2.2	+.3	+.2	−1.6	−.1	−1.0	−.5
1915	−.2	−1.9	−8.4	−2.6	+2.6	+.5	+.9	+1.4	+1.5	+2.3	+2.0	−3.5
1916	+5.9	−.8	−3.4	−1.9	+.8	−.7	−.3	0	−1.0	+.4	0	+1.1
1917	+4.9	−1.1	+2.5	+.1	−2.3	−.7	−.1	−.1	−1.0	−2.2	−4.6	−5.3
1918	−5.7	+5.1	+4.1	−.9	−.6	+.6	−1.2	0	−1.8	+3.6	−.3	+.9
1919	−1.4	−.8	+1.3	−1.3	−.2	−.8	−.5	+.3	0	+5.8	+3.7	+.6
1920	+1.6	−3.7	−2.6	+.9	−1.2	−1.0	−.5	−.7	+.4	−1.9	−.9	−1.1
1921	+1.6	+1.3	+5.3	+.2	−2.1	+.7	−.7	0	+2.2	−.6	+3.0	+3.3
1922	−.6	+4.3	+1.7	+3.0	+.7	−.2	−.6	−1.3	−1.0	+1.2	+2.4	+4.5
1923	+2.3	+1.2	+1.9	+1.5	−1.5	−.8	−.9	−.2	+.2	−1.4	−3.0	+4.7
1924	0	−3.1	−4.8	+.5	−.9	+1.7	+.1	+1.4	−.7	−1.8	−.2	+3.1
1925	+3.9	+1.5	+.2	+.3	−1.8	+.1	+.1	0	+3.3	+2.0	−.8	−1.9
1926	−1.9	−.5	−4.4	−1.3	−1.2	−.6	−.5	+.4	+1.4	+.6	−2.4	+3.9
1927	−.8	+6.1	+.1	+2.4	+1.4	+2.0	+.6	+.5	0	+.5	+2.8	−.5
1928	−3.2	+.9	+1.2	−1.5	−2.6	−.4	+.1	0	−.5	+1.8	−1.1	−.7
1929	+3.0	+2.5	+3.4	+3.0	+.8	−1.0	−1.1	0	−.4	−1.6	+3.1	−1.3
1930	+2.1	+2.4	−3.9	−.1	+.9	−1.9	+1.1	−.9	+1.2	−2.4	−1.4	−4.7
1931	−3.4	−2.2	−6.2	−2.7	−1.6	+.2	+1.5	−.2	+.9	+1.3	+3.2	+9.7
1932	+4.4	+7.8	−3.6	−.5	−.3	+.2	+2.3	+.2	−.2	+.2	−2.4	+5.0
1933	+3.1	+3.3	−.8	+.1	+3.2	−.7	−.1	+.2	+2.3	+1.4	−1.6	+4.1
1934	+1.6	−2.5	−1.3	+.1	0	+.4	+.3	0	+.1	+2.0	+1.3	−.4
1935	+.6	−1.1	+3.6	+1.4	+1.8	+.4	−.7	+.5	−.8	+1.2	+.8	−7.5
1936	−.4	+2.5	−.1	+.1	+.1	−.5	+.5	+.1	+1.2	+2.6	−1.2	+2.0
1937	+10.2	0	−2.8	−1.0	−.2	+.6	−.1	−.1	−.9	−1.7	−2.7	−2.2
1938	−.6	+2.8	+4.0	+.3	+1.2	−1.0	−1.1	+.8	−.7	−2.3	+2.1	−1.1
1939	+1.6	+5.6	+2.8	+.8	−.7	+.5	0	−1.3	+.9	+1.6	−2.1	−.5
Average 1891–1939	59.2	60.7	65.4	69.9	75.6	79.8	81.3	81.4	79.4	73.0	65.0	59.7

TABLE 8.—*Georgia: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1892	+3.47	−1.54	+0.73	−1.24	−1.27	+1.69	+0.62	+1.14	+0.34	−2.23	+0.93	−1.20
1893	−1.42	+.77	−.89	−1.32	+.84	+1.58	−1.74	+.99	+.79	−.73	−.90	−1.09
1894	−.94	+1.96	+1.33	−1.40	−.92	−1.68	+2.14	+1.53	+.03	+1.38	−1.04	−.13
1895	+4.06	−1.86	+1.95	+1.10	+.77	−.55	−.66	+2.26	−2.17	−1.50	−.82	−.93
1896	−.29	+.56	−1.40	−2.13	−.98	−.95	+2.26	−2.26	−1.22	−1.11	+3.01	−.71
1897	−1.05	+2.77	+3.49	+.67	−1.94	−1.03	+.06	−.21	−1.32	−.31	−1.11	−.82
1898	−1.72	−3.81	−1.84	+.75	−2.31	−1.18	+2.79	+5.14	+1.04	+3.85	+2.35	−.47
1899	+1.08	+2.41	−.19	−.91	−1.57	−1.99	−1.12	−.53	−2.06	+1.18	−.55	−.95
1900	−1.41	+3.34	+.48	+1.78	−.98	+4.65	−.69	−2.70	−.50	+1.38	+.79	+1.47
1901	+.48	−.60	+1.38	+.38	+2.32	+.78	−1.72	+4.62	+1.65	−1.71	−1.63	+1.65
1902	−2.34	+2.57	+3.19	−2.00	−1.13	−.84	−1.18	−1.36	+.98	+1.03	+.97	−.30
1903	−1.01	+3.57	+1.85	−.80	+2.04	+1.62	−1.76	+.40	+.77	−.67	−.16	−2.01
1904	−.49	−.84	−2.06	−2.21	−1.22	−1.48	−1.96	+2.12	−2.38	−2.40	+.44	−.63
1905	−1.07	+1.86	−1.96	−.47	+1.62	−.79	−.77	−.51	−.72	+.04	−.93	+4.22
1906	+1.96	−2.78	+1.48	−2.65	+1.07	+1.96	+2.54	+.62	+1.30	+.89	−.91	−.64
1907	−2.97	−1.39	−2.94	+1.67	+.79	−.18	−.63	−1.11	+2.49	−1.89	+2.69	+2.19
1908	+.34	+.84	−.19	+3.08	−.75	−1.11	−.40	+.85	−.59	+.02	−1.34	−.45
1909	−2.28	+1.08	+2.96	−.08	+.96	+1.05	−.44	−.72	−.52	−1.11	−1.61	−.63
1910	−1.04	−.06	−3.21	−.62	+.27	+2.70	−.05	−1.42	−1.20	+.62	−.81	−1.27
1911	−1.77	−2.53	−1.73	+.71	−1.31	−1.67	−.31	+.81	−.71	+2.22	+1.33	+2.44
1912	+1.68	+.83	+3.43	+3.40	+.64	+2.36	+.01	−.33	+2.10	+.06	−2.22	−.70
1913	−.79	+.07	+4.19	−2.30	−1.16	+.45	−.07	−1.16	+.42	−.38	−1.64	−.91
1914	−1.90	+.42	−2.02	−1.13	−2.72	−.90	−1.05	+.70	−.09	+1.71	+2.39	+.34
1915	+1.75	−.87	−2.21	−3.21	+3.22	−.63	−1.54	−.12	−.96	+4.01	−.44	+.63
1916	−2.30	+1.08	−2.87	−2.02	−.65	−1.15	+8.31	−2.11	−1.45	−1.51	−.79	−.66
1917	+.94	+.31	+2.99	−.65	−.70	−1.34	−.67	+.31	+1.97	−1.52	−1.46	−2.59
1918	+1.57	−2.70	−3.36	+1.78	−1.61	−.36	−.98	−.87	−.39	+2.07	+2.00	+2.21
1919	+.77	+2.04	−.51	−1.54	+1.20	+.158	+3.00	+.56	−2.28	+.09	−.62	+1.03
1920	+.72	−.24	+2.55	+3.50	+1.01	−1.05	+.21	+2.69	−.10	−1.79	+1.20	+1.49
1921	−1.26	−.47	−3.12	−.47	+.66	−1.77	+1.21	−.69	−1.44	−.62	+1.23	−2.13
1922	+.40	+1.41	+3.35	−.28	+3.73	−.65	−.78	−1.80	−2.08	+1.00	−1.69	+1.40
1923	−.26	−.13	+1.14	−.08	+5.34	+.83	−1.33	+.35	−1.70	−1.82	+.39	−.12
1924	+1.14	−.94	−1.39	+2.20	+.33	−.03	−.16	−2.78	+7.00	−1.42	−1.90	+2.15
1925	+6.50	−2.81	−2.77	−2.12	−1.65	−1.56	−2.27	−3.48	−2.08	+1.80	+1.77	−.27
1926	+3.40	−.38	+.89	−1.57	−1.78	−.41	+.91	−.17	−.07	−1.13	+1.06	−.27
1927	−3.38	−.38	−1.63	−1.78	−1.87	+1.23	+.63	−1.42	−2.35	−.93	−.97	+3.69
1928	−2.78	+.12	+1.59	+4.07	+.69	+1.55	+1.01	+4.56	+3.26	−.46	−1.65	−2.35
1929	+.67	+3.79	+5.46	+.27	+2.19	+.80	−1.22	−2.08	+6.13	+2.49	+2.48	−.56
1930	+.73	−3.32	+.85	−.68	−1.02	−.68	−.26	−3.41	+2.28	−1.07	+3.11	−.80
1931	−1.35	−2.03	−.80	−.68	−.74	−2.58	−1.04	−.33	−2.35	−1.66	−1.90	+3.20
1932	+1.58	−.95	−.26	−2.01	+.19	+2.07	−.74	+.77	+.31	+2.55	+2.11	+2.74
1933	−.75	+.92	−1.34	+.20	−.56	−1.45	+.06	−1.06	+.32	−.65	−1.62	−2.30
1934	−1.57	−.72	+.57	+.11	+1.93	+.80	−.95	−.14	−1.02	+1.67	−.76	−1.51
1935	−1.64	−1.39	−.46	+.64	−.63	−1.74	+1.59	+.41	+.38	−1.72	+.61	−1.36
1936	+4.84	+1.58	−.62	+3.89	−2.37	−1.36	−.96	+1.16	+.84	+1.14	−1.26	+2.04
1937	+2.59	+.37	−1.13	+3.11	−1.29	−.12	−.79	+1.08	−1.13	+2.65	−.58	−2.19
1938	−2.25	−3.80	−1.11	+3.03	+.01	+1.07	+1.82	−2.23	−.96	−2.03	+.10	−1.54
1939	−.49	+4.19	−.40	−.20	+.66	+.24	−.92	+1.84	−.78	−2.40	−1.79	−.94
Average 1892–1939	4.26	4.92	4.82	3.85	3.46	4.42	5.75	5.25	3.66	2.73	2.61	4.22

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1892	−4.6	+2.7	−3.6	+0.5	−0.1	−0.2	−1.4	−0.4	−3.2	−0.9	−1.7	+0.3
1893	−8.1	+3.1	−2.3	+3.7	−1.4	−1.5	+1.3	−.8	−.8	−.6	−1.0	+1.9
1894	+2.4	+.5	+2.9	+.8	−.2	−.3	−2.0	−1.0	−.3	−1.2	−2.1	+1.5
1895	−2.1	−10.5	−1.8	−.9	−2.0	0	−1.0	−.2	+1.6	−3.7	−.9	−1.8
1896	−2.8	−.3	−3.2	+4.1	+4.5	−.4	+.4	+1.8	+1.0	−1.8	+3.3	−1.6
1897	−4.1	+2.6	+2.5	−.8	−1.8	+2.8	+.5	−1.0	−1.4	+1.3	+1.2	+1.0
1898	+2.6	−3.0	+3.7	−4.3	+2.6	+2.2	−.2	−.7	−.3	−2.4	−3.0	−1.7
1899	−2.1	−4.6	−.2	−2.0	+3.6	+2.1	+.2	+1.5	−2.3	+.3	+1.2	−2.5
1900	−3.2	−3.9	−3.3	+.9	−.7	−1.6	+.2	+2.4	+1.6	+3.8	+1.2	−.8
1901	−1.0	−4.5	−2.8	−6.1	−.1	−.3	+1.5	−1.3	−2.6	−1.9	−5.3	−3.8
1902	−3.2	−6.5	−1.8	−1.8	+4.0	+1.5	+1.9	+.6	−2.5	−.6	+4.4	−.4
1903	−2.7	+1.2	+4.1	−2.6	−1.3	−3.7	−.1	+1.1	−2.4	−1.2	−2.5	−5.7
1904	−5.3	−1.4	+1.4	−3.4	−1.0	−.6	−1.0	−1.6	+.8	−.3	−1.6	−.7
1905	−6.6	−7.9	+2.9	+.9	+2.9	+.9	+.2	−.8	+1.4	−.4	+1.1	−3.2
1906	+.4	−1.8	−4.3	+1.8	−1.4	+.5	−1.8	+.7	+2.0	−3.3	+1.1	+1.7
1907	+7.0	−.2	+7.9	−5.3	−1.3	−1.9	+1.1	+.2	+.1	−2.1	−1.7	−1.1
1908	−2.4	−4.5	+6.3	+4.3	+.5	−.5	−.1	−.3	−2.3	−3.2	+3.4	+4.0
1909	+3.7	+2.6	−.5	+.5	−1.8	+.5	+.8	+.2	−1.3	−1.9	+4.7	−5.0
1910	−1.7	−2.7	+4.2	−.7	−1.9	−2.9	−1.2	−.4	+.8	+2.3	−2.4	−5.5
1911	+3.4	+5.0	+.7	+.2	+1.3	+2.9	−1.5	−.1	+4.1	+4.2	−3.0	+2.7
1912	−5.7	−5.1	−2.6	+1.8	+1.1	−2.6	−.6	−.4	+1.9	+1.2	−2.9	+1.4
1913	+6.2	+.5	0	−1.1	+.4	−1.5	+1.2	−.1	−3.1	−2.7	+.6	+1.0
1914	+.2	−2.7	−4.9	+1.5	+1.1	+4.1	+.6	−.4	−2.7	−.3	−1.1	−2.8
1915	−1.8	−.2	−8.8	+1.7	+2.9	−.3	+.7	+.2	+1.2	+2.5	+2.4	−2.1
1916	+6.0	+.1	−2.5	−1.0	−2.5	−1.0	−1.8	+.5	−2.0	+.5		
1917	+4.1	−.4	+.6	+2.4	−4.7	−.7	−.2	−1.1	−3.0	−5.1	−2.6	−8.2
1918	−8.2	+5.3	+5.1	−1.7	+1.3	+.7	−2.0	+.6	−4.6	+4.2	−.6	+3.1
1919	−.3	−.1	+1.6	+.4	−.3	−.4	−.7	−.5	−.6	+9.5	+3.8	+.3
1920	+1.1	−2.6	−3.1	−.7	−2.2	−.5	−.9	−1.6	+.9	−.4	−1.7	−1.0
1921	+2.5	+2.8	+8.0	+.2	−1.6	+2.1	−.2	−.3	+5.7	−1.7	+3.8	+4.3
1922	−.5	+6.7	+.9	+3.0	+.2	+.6	+.2	−1.8	+.7	+.8	+2.4	+6.0
1923	+3.9	+.4	+.1	−2.7	−1.7	−1.5	+.2	+.7	−.8	−2.5	+6.8	
1924	−3.9	−2.5	−4.3	−.3	−3.1	+1.5	−.5	+2.1	−4.0	−1.9	+1.0	+1.8
1925	+.6	+4.6	+1.6	+4.0	−1.6	+2.5	+2.0	+1.0	+7.9	+.6	−2.4	−1.7
1926	−1.9	+1.9	−7.1	−1.5	−.5	−.4	−1.0	+1.3	+3.1	+1.6	−3.1	+3.7
1927	+1.0	+9.4	+1.3	+3.8	+1.6	−.4	−.5	−1.5	+1.3	+2.4	+4.5	+.1
1928	−1.6	−.2	−.1	−2.5	−2.8	−1.7	−.1	+.1	−2.4	+2.7	−.8	+.1
1929	+2.2	−.6	+3.4	−3.2	−.3	−2.0	−1.1	−.2	−1.7	−1.8	+1.5	−1.4
1930	+.6	+4.5	−4.5	+1.2	+1.5	−2.2	+2.1	−1.2	+1.8	−3.2	+1.8	−4.4
1931	+1.7	+.6	−5.9	−1.9	−2.5	+1.9	+2.6	−.9	+2.8	+1.9	+5.6	+8.4
1932	+7.8	+8.3	−3.9	+.7	−1.2	0	+2.3	−.1	−1.1	−.9	−3.1	+4.6
1933	+5.7	+1.0	−.6	−1.2	+4.4	+1.0	−1.1	+.2	+2.7	+1.3	−1.0	+7.2
1934	+1.8	−4.8	−2.3	+.6	−1.1	+1.1	+2.0	+1.0	+.3	+1.2	+2.3	−1.4
1935	+1.3	+.2	+4.6	+1.1	+.7	−.2	+.6	−1.2	+1.3	+2.8	−7.4	
1936	−3.2	−3.2	+2.6	−1.2	+1.7	+1.2	+1.8	+.8	+1.8	+2.3	−1.1	+2.0
1937	+10.9	−.1	−2.6	−1.3	+.3	+1.7	−.3	+.2	−2.4	−2.5	−3.5	−1.2
1938	+.2	+6.0	+5.5	+.3	+1.2	−2.0	−1.3	+1.8	−.7	−.4	+2.6	−.6
1939	+2.4	+5.5	+2.4	−.6	−1.2	+1.4	+.4	−1.2	+1.4	+2.0	−1.9	+.9
Average 1892–1939	47.2	48.7	56.4	63.3	71.6	78.1	80.1	79.5	75.5	64.9	54.5	47.7

TABLE 9.—*Idaho: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1893					−0.07	−0.87	−0.25	−0.50	+1.81	+0.62	+1.26	−0.22
1894	+1.62	+0.13	+1.05	+0.30	−.35	+.06	−.42	−.16	+.16	+.90	−1.08	−.16
1895	+.64	−1.05	−.65	−.64	+.53	−.64	−.03	−.36	+.60	−1.38	−.96	−.13
1896	+.79	−.74	−.05	+.14	+1.46	−.10	+.08	+.43	−.44	−.60	+1.93	+.05
1897	−1.15	+.67	+1.31	−.37	−.64	+.18	+.15	−.36	+.18	+.18	+1.30	+.78
1898	−.80	−.16	−.70	−.50	+.72	−.26	+.11	−.11	−.47	−.37	+.35	−.95
1899	+.60	+.09	−.26	+.17	+.04	−.54	−.36	+.72	−.53	+.91	+.34	−.18
1900	−.42	−.21	−.46	+.50	+.27	−.71	−.46	+.03	−.09	+.95	−.53	−.44
1901	−.22	+.24	−.43	−.29	−.14	−.17	−.37	−.21	+.14	−.47	−.82	−.09
1902	−1.22	+.84	−.37	−.15	+.28	−.57	+.87	−.16	−.52	−.99	+.70	+.39
1903	+.82	−1.21	−.02	−.11	−.03	+.17	+.14	+.07	+.21	−.27	+.73	−.88
1904	−.66	+1.40	+2.54	−.16	−.96	−.22	+.27	−.21	−.69	−.13	−1.32	−.08
1905	−1.03	−1.05	+.40	−.12	+.73	+.67	−.34	−.30	+.11	−.09	−.61	−.70
1906	+.47	+.23	+.46	−.29	+1.50	+.35	−.47	+.37	−.46	−.69	+.56	+1.02
1907	+.56	+.34	+1.58	−.04	−.61	+1.07	+.17	+.62	−.26	−.51	−.77	+.52
1908	−.98	−.60	−.20	−.56	+.74	+1.28	−.19	+.13	+.17	+1.03	−1.03	−.78
1909	+1.91	+.61	−.78	−.77	−.01	−.51	+.83	−.11	+1.05	−.39	+3.28	−.24
1910	−.08	+.87	−.62	+.14	−.11	−1.03	−.33	−.53	+.09	+.16	+1.60	−.50
1911	+.82	−.66	−.94	−.26	+.99	+1.26	−.47	−.31	−.07	+.11	+.35	−.63
1912	+.63	+.30	−.32	+.75	+.59	+.19	+.67	+.81	0	+.89	−.02	−.26
1913	+.50	−1.05	+.28	−.33	−.03	+1.71	+1.22	−.02	−.12	+.09	+.90	−.67
1914	+.79	−.12	−1.05	+.28	−.33	+1.04	+.23	−.45	+.71	+.47	−1.09	−1.31
1915	−.95	−.08	−.71	+.13	+2.47	−.21	+.78	−.37	+.37	−.79	+.29	+.46
1916	+.92	+.95	+.93	−.31	+.02	+.26	+.54	+.14	−.32	−.19	−.26	+.38
1917	−.28	+.34	+.23	+.82	+.71	−.53	−.39	−.46	+.64	−1.25	−.55	+2.43
1918	+.57	−.01	−.01	−.53	−.38	−.41	+.42	+.51	−.21	+.96	−.90	−.95
1919	−.53	+1.22	+.12	+.06	−.74	−1.21	−.47	−.32	+.13	+.16	+.06	−.48
1920	−.77	−1.27	+.40	+.69	−.40	−.22	−.29	+.35	+.72	+1.14	+.24	+.65
1921	+.05	+.04	−.09	+.78	+.73	−.36	−.24	−.01	−.11	−.60	+.81	−.03
1922	−.66	0	+.06	+.40	−.38	−.45	−.13	+.92	−.68	−.62	−1.18	+.77
1923	+.45	−1.02	−.80	+.55	+.41	+1.51	+.29	+.32	−.38	+.86	−.57	−.25
1924	−1.02	−.06	−.90	−.84	−1.34	−.63	−.08	−.13	−.37	+.56	+.20	+.14
1925	+.78	+.51	−.40	+.39	−.12	+.53	+.08	+.45	+.48	−.21	−.77	−.17
1926	−.75	+.57	−1.22	−.31	−.22	−.38	−.08	+.86	+.17	−.36	+2.14	−.14
1927	−.07	+1.64	−.52	−.17	+.74	−.08	−.39	+.17	+1.74	+.41	+2.73	−.12
1928	−.31	−1.27	+.96	0	−1.02	−.04	−.14	−.36	−.71	−.05	−.65	−.47
1929	−.11	−.77	−.30	+.48	−1.03	+.43	−.52	−.26	−.39	−.66	−1.86	+.97
1930	−.70	+.59	−.42	+.21	+.49	−.31	−.25	+.69	+.17	+.40	−.52	−1.28
1931	−.70	−.65	+.54	−.41	−.90	−.60	−.32	−.40	+.04	−.02	−.18	+.66
1932	−.27	+.15	+1.34	+.44	+.22	+.08	+.25	0	−.85	−.21	+.53	+.12
1933	+.45	+.03	−.58	−.51	+.01	−.20	−.48	−.20	+.04	+.62	−1.15	+2.68
1934	+.15	−.78	+.17	−.56	−.98	+.23	−.34	−.41	−.36	+.51	+.48	+.03
1935	−.20	−1.01	−.08	+.89	−.41	−.80	−.37	−.42	−.81	−.55	−1.12	−.68
1936	+1.58	+1.11	−.35	−.41	−.70	+.75	+.05	+.18	−.48	−1.15	−1.86	−.19
1937	−.35	+.76	−.45	+1.03	−.89	+.38	+.29	−.30	−.45	−.23	+1.02	+1.26
1938	−.38	+.09	+1.60	+.04	−.09	+.10	+.46	−.13	−.49	+1.10	−.12	−.58
1939	−.49	+.28	−.51	−.73	−.83	−.01	+.01	−.48	−.06	−.08	−1.70	+.37
Average 1894–1939	2.18	1.73	1.80	1.41	1.64	1.30	.68	.64	1.03	1.48	2.03	2.04

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1893					−2.9	−3.1	−1.4	−0.2	−1.2	−3.3	−2.8	+3.9
1894	+1.2	−7.1	−1.5	−0.8	+1.6	−1.5	+1.0	+3.0	−2.6	−.6	+4.6	−1.4
1895	−1.1	−1.3	−2.2	+1.4	−.9	−2.2	−2.1	−.3	−3.7	+1.8	−2.1	−2.3
1896	+3.6	+3.2	−1.7	−3.3	−5.8	+2.2	+3.1	+.8	−1.4	+.1	−5.3	+5.2
1897	+.1	+.9	−6.4	+.2	+7.0	−.6	−3.1	+2.1	+.6	−.3	+1.0	0
1898	−5.6	+3.2	−3.9	+2.9	−.2	+.8	−.9	+3.0	+.1	−3.5	−4.3	−5.4
1899	+4.0	−4.7	−1.3	−2.2	−4.0	−2.0	+.3	−5.4	+2.6	−2.9	+5.3	+.5
1900	+7.1	+1.3	+6.8	+2.5	+2.3	+5.0	−1.2	−3.3	−1.2	−.3	+.3	+5.0
1901	+2.7	+.4	+.9	−1.9	+4.2	−3.9	+1.3	+3.2	−3.0	+4.1	+4.3	+2.6
1902	−.1	+5.4	−1.9	−1.1	+.2	−.4	−4.9	−.3	−.2	+1.6	−.7	+1.2
1903	+2.4	−8.9	−.9	−2.7	−1.5	+3.2	−4.8	−.3	−3.0	+1.8	+.6	+1.1
1904	+1.2	+2.3	−1.2	+1.2	+.5	−1.0	−1.5	+1.3	+2.5	+2.0	+5.8	+2.1
1905	+3.7	−1.7	+5.3	+1.9	−1.8	−1.4	+.5	+1.7	+1.8	−4.8	+.1	−2.4
1906	+1.3	+1.7	−4.5	+1.5	−1.0	−3.7	+2.3	−.1	+2.0	+1.8	−1.7	+5.7
1907	−2.0	−7.8	+2.0	−.1	−.1	−3.5	−1.8	−3.9	−.2	+4.9	+1.3	+2.3
1908	+2.1	+1.6	−.5	+1.7	−4.1	−4.3	+.8	−1.6	+.9	−2.5	+1.1	−.6
1909	+3.2	+3.9	+1.7	−3.6	−2.9	+1.1	−1.9	+.5	+1.2	+.4	+2.0	−6.0
1910	−3.4	−5.1	+7.3	+5.4	+2.2	+1.6	+2.0	−2.7	+.7	+2.0	+2.0	+3.4
1911	+2.4	−4.9	+2.2	−2.2	−1.8	+1.0	−1.1	−2.4	−1.4	−2.6	−3.5	−1.6
1912	+.9	+2.9	−2.3	−1.3	−.3	+1.8	−3.8	−3.5	−5.1	−3.7	+2.0	0
1913	−3.1	−5.5	−2.9	+.8	+1.6	+.5	−3.0	+1.3	+.5	−3.3	+2.6	−1.8
1914	+5.7	−.2	+3.3	+1.9	+3.0	−1.8	+.9	+.1	−1.8	+1.6	+1.6	−6.6
1915	−1.3	−5.6	+4.9	+5.9	−1.8	−3.7	−3.5	+3.7	−2.1	+1.8	−1.9	+.1
1916	−6.7	−1.7	+3.8	+.9	−4.9	−3.1	−2.4	−1.8	−.6	−3.5	−5.4	−5.2
1917	−6.6	−3.4	−10.2	−6.1	−3.3	−3.0	+.8	−.6	+2.3	−.3	+4.3	+10.1
1918	+4.5	+2.2	+3.0	−1.1	−2.5	+6.3	0	−3.7	+2.9	+2.0	−1.4	−.2
1919	+2.1	−.6	+.2	+1.4	+1.3	+1.8	+1.6	+1.7	+1.2	−6.0	−2.9	−7.4
1920	+1.1	+2.8	−.8	−4.6	−2.3	−1.5	+1.6	+.2	−.1	−3.1	−.9	+1.6
1921	+3.2	+1.1	+3.3	−3.2	+.5	+3.4	0	+1.0	−4.1	+3.0	+2.6	+1.3
1922	−8.0	−5.1	−5.0	−1.2	+4.3	+.5	+2.2	+3.2	+2.6	−2.9	−2.5	
1923	+4.3	−5.7	−3.3	−1.1	−.3	−2.5	+1.9	−1.0	+2.6	−1.4	+2.0	−.9
1924	−3.6	−8.0	−1.9	−.8	+4.3	+.3	−.9	−1.2	+.5	−.4	−1.3	−7.5
1925	+2.5	−6.5	+2.6	+2.2	+3.7	+.5	+2.7	−1.6	+.1	−2.3	−.5	+5.0
1926	−.1	−6.2	+3.7	+5.5	+1.2	+3.5	+1.8	+.1	−4.9	+1.2	+3.9	−.5
1927	+1.7	+2.6	−.1	−1.9	−3.4	+1.4	+.2	−1.2	−1.8	+1.0	+3.6	−6.2
1928	+2.0	−.5	+2.4	−2.6	+5.3	−2.1	+.9	−1.8	+1.3	+1.6	+.2	−3.9
1929	−8.3	−8.8	+.1	−3.7	−.5	−1.0	+1.1	+3.9	−2.8	+1.2	−3.4	+6.2
1930	−11.1	+6.9	+2.1	+5.7	−1.0	−.8	+1.6	+2.3	+.8	−2.2	−4.5	−7.1
1931	+.7	+.6	−.2	+.7	+2.3	+3.2	+2.8	+2.1	+.5	+.6	−5.3	+3.7
1932	−4.2	−4.7	−2.5	−.3	+.3	+1.3	−1.3	+1.3	+1.1	−1.4	+2.2	−6.9
1933	+.3	−12.0	−2.2	−2.5	−4.5	+2.7	+1.6	−.3	−1.6	+3.2	+2.1	+7.9
1934	+8.3	+10.1	+8.6	+9.5	+6.4	+.4	+1.7	+2.2	−1.6	+2.6	+4.7	+1.6
1935	+1.2	+.9	−1.6	−1.7	−1.7	+.6	+.7	−.3	+3.6	−.9	−5.9	−1.3
1936	+.1	−7.2	−2.7	+1.7	−4.8	−3.1	+3.1	+1.0	−.8	+1.1	−3.5	+2.2
1937	−15.2	−4.5	−.2	−3.4	+2.1	−.8	+1.5	−1.2	+2.9	+2.6	+2.6	+4.1
1938	+3.7	+3.4	−.2	+.4	−1.2	+1.9	+.1	−1.0	−6.1	+1.4	−5.7	+2.5
1939	+3.7	−5.3	+1.1	+2.7	+3.1	−2.6	+.7	+1.3	+1.4	+.3	+2.8	+7.8
Average 1894–1939	24.0	27.9	35.7	45.1	53.0	60.3	68.1	66.4	57.1	47.1	35.5	26.3

TABLE 10.—*Illinois: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1890	+3.06	+0.94	+0.53	−0.03	−0.19	+0.89	−1.26	−0.55	−1.13	+0.25	−0.39	−1.12
1891	−.64	+.94	+.05	−.35	−1.83	−.03	−1.09	+1.35	−2.69	−1.28	+2.48	−.33
1892	−.67	+.84	−1.06	+2.86	+4.11	+1.73	+.51	−1.00	−1.77	−1.41	+.90	−.29
1893	−1.15	+1.10	+.04	+4.07	+.33	−.59	−1.28	−2.45	−.62	−.94	−.26	−.54
1894	−.21	+.34	−.27	−.74	−.72	−1.69	−1.77	−1.61	+1.48	−1.12	−.88	−.08
1895	−.51	−1.32	−1.68	−1.32	−1.91	−1.25	+2.09	−.54	−.61	−1.96	+1.20	+2.82
1896	−1.22	−.04	−1.32	−.70	+1.94	+.17	+3.16	−.51	+1.78	−1.29	+.23	−1.58
1897	+2.22	+.07	+2.87	+.91	−2.04	+.65	+.23	−2.23	−2.78	−2.12	+1.70	+.40
1898	+1.95	+.12	+4.46	−.20	+1.82	+.34	−.35	+.93	+1.08	+1.48	−.31	−.63
1899	−.46	+.23	−.12	−2.01	+1.99	−1.20	+.32	−.75	−1.66	+.75	−.64	+.22
1900	−1.15	+2.16	−1.21	−2.04	+.09	+.52	+.99	+.68	−.18	−.10	+.41	−1.18
1901	−.94	−.30	+.33	−1.86	−2.11	−.45	−.97	−1.45	−1.81	−.44	−1.20	+.83
1902	−1.37	−.66	+.26	−1.07	−.04	+4.27	+1.32	+1.11	+.41	−.43	+.55	+1.02
1903	−.98	+.96	−.22	+.86	−.94	−1.00	+.43	+1.05	−.06	−.09	−1.49	−.28
1904	+.62	−.38	+3.21	+.24	−.63	−.84	+1.43	+.70	+1.33	−1.88	−2.32	−.23
1905	−.73	−.31	−.90	+.15	+.38	−.57	+1.72	+.08	−.65	+1.67	−.46	−.17
1906	+.96	+.24	+.79	−1.40	−1.34	−.68	−.89	+.67	+1.31	−.93	+1.37	+1.00
1907	+3.38	−1.42	0	−.70	−.03	+.56	+2.42	+2.11	−1.22	−.91	−.25	+.42
1908	−.91	+2.55	−.04	+1.07	+3.79	−1.13	+.16	−1.04	−2.42	−2.11	+.18	−.97
1909	−.06	+2.23	−.83	+2.73	+.05	+.25	+1.49	−1.26	+.09	0	+1.51	+.87
1910	−.31	0	−2.92	−.12	+1.02	−1.66	+.87	−.72	+.91	+.79	−1.39	−.72
1911	−.54	+.35	−1.41	+1.54	−2.13	−1.13	−1.03	−.72	+5.32	+.31	+.45	+.07
1912	−1.25	−.10	+.20	+1.52	−.21	−.66	+1.00	+.60	−.88	+.69	−.67	−1.20
1913	+1.99	−.29	+2.40	−.67	−1.14	−1.46	−1.19	−.98	−.78	+1.16	+.63	−1.08
1914	−.44	+.47	−1.03	−1.29	−1.74	−1.34	−1.77	+.03	+.06	+.51	−1.91	+.27
1915	+.17	+.25	−2.34	−2.13	+2.98	+.88	+3.45	+2.74	+.49	−1.74	−.16	−.75
1916	+4.42	−.99	−1.20	−1.87	+.64	+1.53	−2.05	+.80	−.83	+.33	−.61	+.25
1917	−.37	−1.43	−.33	+1.20	+.15	+1.54	−.43	−.70	−1.11	+.35	−1.94	−1.25
1918	−.03	−.36	−2.23	+1.86	+1.14	−.43	−.89	+.46	+.05	+.56	−.29	+1.32
1919	−1.94	+.01	+.23	−1.04	+1.18	+.71	−1.35	−.48	−.12	+4.25	+.80	−1.43
1920	−.92	−1.29	+1.83	+.96	+.89	−1.76	−.81	−.49	−1.01	−.52	−1.50	+.63
1921	−.87	−1.12	+1.94	+1.29	−1.96	−.18	−1.45	+1.78	+2.91	−.19	+1.10	+.76
1922	−1.11	−.53	+3.12	+1.57	−.44	2.44	+.40	−1.65	−1.78	−.31	+.18	+.40
1923	−.73	−.53	−1.14	−1.14	+.27	−.44	−1.12	+1.50	+.29	+1.15	−.79	+1.44
1924	−.63	−.35	−.52	−1.33	−.54	+2.92	+.02	+1.83	−.59	−1.56	−1.36	+1.41
1925	−1.75	−.05	−.87	−.86	−2.67	+1.00	−.29	−.74	+1.18	+1.36	+.47	−.78
1926	−.74	+.56	−.66	−.36	−1.79	+.30	+.24	+1.41	+5.97	+1.21	+1.19	−.70
1927	+.06	−.47	+1.41	+3.42	+2.95	−.02	+.02	−.16	+1.41	+1.24	+2.06	+.85
1928	−1.32	+.26	−1.65	−.20	−1.46	+3.23	+.30	+.11	−1.48	+1.57	+1.09	+.20
1929	+1.54	−.73	+.23	+1.72	+1.87	+.85	+1.41	−.94	−.86	+.87	−.79	+.18
1930	+2.30	+.07	−1.65	−.81	−2.22	−.57	−2.27	−1.39	−.12	−.38	−.40	−1.43
1931	−1.83	−.62	−.44	−.81	+.24	−.74	−.31	+.54	+1.09	+1.09	+2.23	+.80
1932	+.69	−.56	−.87	−1.66	−1.69	+.15	+.04	+2.17	−.68	+1.25	−.83	+1.76
1933	+.23	−.48	+.95	+.02	+4.00	−2.45	−.87	−.69	+.04	+.22	−1.93	−.67
1934	−1.21	−1.04	−.78	−1.74	−3.01	−.92	−.04	+.46	+2.94	−.92	+3.07	−.37
1935	+.01	−.47	+1.41	−.89	+3.91	+1.97	+.08	−.91	−.43	−.52	+2.01	−.90
1936	−1.00	−.06	−1.48	−1.07	−1.97	−2.27	−2.06	−.70	+3.06	−.65	−.28	+.83
1937	+3.65	−.43	−1.98	+1.28	−.81	+1.12	−.10	−1.00	−1.40	+.94	−1.10	−.02
1938	+.17	+.48	+2.43	−.40	+1.10	+1.30	+1.46	−.03	−.60	−1.22	−.23	−.47
1939	+.73	+1.42	+.17	+1.50	−1.61	+1.21	+.11	+1.38	−2.97	−.42	−1.26	−1.00
Average 1890–1939	2.40	1.93	3.18	3.51	4.04	3.93	3.28	3.36	3.71	2.58	2.58	2.12

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1890	+5.8	+6.1	−6.7	+0.9	−2.6	+3.3	−1.0	−3.9	−5.7	−2.6	+1.9	+1.2
1891	+3.8	+2.4	−6.5	+1.8	−3.5	−.1	−5.8	−2.8	+1.7	−2.6	−5.6	+6.6
1892	−7.2	+5.5	−4.4	−2.5	−3.6	−.3	−2.1	−1.1	−2.5	−.3	−5.7	−3.8
1893	−12.3	−4.4	−2.4	−1.2	−3.4	+.1	+1.3	−2.1	+.3	−1.0	−3.2	−.4
1894	+2.7	−2.9	+5.3	+1.8	−.8	+2.7	−.2	+.3	−.1	−.5	−4.4	+3.8
1895	−6.9	−10.2	−2.2	+2.3	+.8	+2.6	−2.7	+.5	+2.6	−6.8	−2.8	+1.7
1896	+1.8	+1.3	−5.1	+7.0	+6.9	−.3	−1.0	+.2	−4.2	−4.2	−.8	+4.3
1897	−2.8	+2.3	−.4	−1.3	−3.3	−.8	+.9	−2.3	+3.9	+5.3	−.8	−3.1
1898	+3.4	+1.7	+3.0	−2.0	−.2	+1.7	−.7	−.3	+1.9	−3.2	−3.8	−3.8
1899	−.9	−9.8	−6.2	+1.7	+1.5	+1.4	−1.0	+2.0	−2.2	+4.0	+4.6	−1.7
1900	+3.9	−5.6	−5.6	+1.3	+1.9	−1.1	−1.1	+5.2	+1.6	+6.4	−.9	+1.2
1901	+2.4	−6.9	−1.2	−2.2	−1.2	+2.8	+5.7	+.4	−1.0	+1.1	−3.5	−5.1
1902	−.5	−9.0	+2.3	−1.6	+4.6	−2.5	−.3	−2.7	−4.9	+1.7	+6.8	−2.4
1903	−.9	−1.6	+4.8	+.6	+2.5	−5.7	−.6	−1.7	−1.7	−.5	−3.9	−6.7
1904	−7.2	−6.3	−.8	−5.4	−.4	−2.5	−3.3	−3.7	−.6	−.5	+.9	−1.5
1905	−7.1	−10.5	+5.1	−.1	+.6	−.2	−3.3	+.6	+.6	−1.5	+.2	+.6
1906	+5.0	+.9	−9.5	+3.4	+1.4	−1.5	−2.5	+1.9	+3.0	−1.3	−1.4	+2.1
1907	+3.9	+.6	+7.3	−7.9	−5.9	−3.6	−.6	−1.4	−2.0	−2.5	−1.9	−3.0
1908	+2.1	−.3	+4.4	+.6	+.8	−1.3	−.9	−.1	+2.7	−.5	+2.0	+2.3
1909	+1.7	+5.0	−1.0	−1.5	−2.3	+.1	−3.0	+2.9	−2.6	−3.9	+8.8	−9.0
1910	−.7	−3.5	+11.2	+1.2	−4.7	−2.0	−.2	−1.3	−.8	+2.6	−4.5	−3.9
1911	+2.9	+5.2	+1.2	−2.0	+5.6	+3.7	−.2	−1.1	+2.1	−1.3	−5.7	+4.0
1912	−13.2	−6.3	−9.4	+1.5	+2.4	−3.5	−.6	−1.6	+.4	+.9	+.9	+3.3
1913	+3.2	−3.0	−3.0	+.3	+.6	+2.1	+2.0	+3.8	−.6	−1.9	+6.3	+5.9
1914	+6.5	−7.4	−2.3	+.6	+2.6	+3.7	+2.7	+1.6	−1.1	+2.5	+3.0	−6.7
1915	−4.0	+7.0	−5.2	+6.6	−2.7	−3.4	−3.5	−6.6	+.9	+1.4	−3.8	−.8
1916	+2.7	−2.2	−2.0	−1.3	+1.0	−4.9	+4.4	+2.6	−2.6	−.3	+2.2	−2.8
1917	+.5	−4.6	+1.3	−2.3	−6.0	−3.4	−1.3	−2.5	−2.8	−8.7	+1.2	−8.7
1918	−15.1	+1.3	+6.7	−4.3	+4.5	+.2	−2.6	+4.5	−7.8	+2.7	+1.1	+7.8
1919	+4.1	+3.3	+2.2	+1.4	−2.8	+3.0	+2.3	−.8	+2.2	+2.9	−1.4	−6.4
1920	−5.4	+.4	+1.6	−4.9	−1.3	+.0	−1.9	−1.8	+1.8	+5.2	−1.4	+2.3
1921	+6.5	+7.0	+9.4	+3.4	+2.6	+4.6	+4.2	−.2	+3.8	+.3	+.8	+3.4
1922	−1.8	+3.4	+2.4	+2.0	+3.8	+2.0	−1.3	+.7	+2.6	+3.2	+3.1	+1.2
1923	+6.1	−3.5	+3.2	−.9	−1.7	+1.1	+.6	−.3	−1.1	−3.6	+1.8	+9.8
1924	−5.9	+1.0	−4.3	+2.0	−5.8	−1.9	−4.5	−.2	−5.9	+4.7	+1.4	−5.5
1925	−1.1	+6.6	+3.2	+6.5	−3.3	+2.8	−.5	+.2	+5.6	−9.0	−2.1	−3.2
1926	+1.5	+5.5	−5.7	−5.7	+2.2	−3.6	+.3	+1.4	+.1	−.7	−4.2	−1.7
1927	−1.3	+9.0	+3.7	+1.0	−1.4	−4.0	−2.0	−5.3	+3.2	+3.6	+3.8	−1.9
1928	+1.3	+4.0	+.7	−3.6	+.6	−5.2	−.2	+1.0	−4.8	+2.6	+1.4	+3.2
1929	−5.6	+6.0	+6.4	−3.1	−2.6	−2.6	−.3	−2.1	+1.7	−1.2	−4.2	0
1930	−7.0	+10.7	−.4	+3.5	+1.5	−.2	+2.6	+1.9	+1.8	−1.9	+1.5	+.5
1931	+5.5	+8.3	+3.6	+1.1	−3.2	+3.4	+2.8	0	+5.3	+4.2	+9.1	+9.1
1932	+8.2	+9.3	−6.5	+1.1	+1.5	+1.9	+1.1	+.4	−1.9	−1.0	−4.7	−.7
1933	+11.0	−.2	+.2	0	+1.8	+6.1	+1.6	−.8	+5.6	−1.5	−.3	+4.3
1934	+6.2	−3.0	−3.4	+1.2	+5.4	+6.9	+5.2	+1.0	−2.6	+2.9	+5.0	−2.4
1935	+1.7	+4.3	+6.5	−2.5	−4.9	−3.7	+2.6	+1.3	−.8	+.6	−1.0	−5.1
1936	−7.2	−10.5	+3.9	−3.3	+4.1	+.7	+7.0	+6.5	+3.3	−.2	−2.6	+4.1
1937	+.4	+.0	−3.0	−.7	+1.0	+.4	−.8	+3.6	−1.4	−2.5	−3.2	−2.5
1938	+.6	+9.3	+8.3	+2.1	+.2	−1.5	+.6	+3.2	+1.1	+4.7	+2.7	+.9
1939	+6.6	+.7	+2.6	−2.7	+3.4	+1.5	+.2	−1.0	+4.5	+2.4	−.2	+4.7
Average 1890–1939	27.9	29.7	40.9	52.3	62.8	72.1	76.5	74.5	67.9	55.6	42.1	31.0

TABLE 11.—*Indiana: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1887	−0.78	+3.51	−1.43	+0.17	−0.72	−1.02	−1.55	−0.81	−0.87	−1.71	+0.96	+0.96
1888	− .15	− .21	+ .57	−1.27	+ .05	− .03	+ .08	+1.04	−1.63	+ .73	+2.20	−1.02
1889	− .60	− .93	−2.25	−2.47	+1.51	+ .27	+2.04	−2.35	+ .61	− .97	+1.89	+ .12
1890	+3.88	+2.50	+1.85	+ .80	+ .82	+ .82	−1.45	+ .94	+ .91	+ .25	+ .12	−1.27
1891	− .56	+2.08	+1.31	− .58	−2.41	+ .57	− .90	+1.49	−1.38	−1.60	+2.82	− .05
1892	−1.67	+1.02	−1.38	+2.73	+3.96	+1.39	− .06	− .83	− .51	−1.94	+ .74	−1.07
1893	− .62	+2.34	− .93	+4.92	+ .47	− .40	−1.63	−2.34	− .05	+ .76	− .02	− .45
1894	− .86	+1.21	− .79	− .60	+ .62	−1.23	−1.94	−1.56	− .16	− .96	−1.13	+ .12
1895	+ .65	−1.72	−2.28	−1.30	−2.36	−1.10	− .18	−1.16	−1.13	−2.04	+2.50	+1.70
1896	−1.90	− .30	− .67	−1.73	+ .51	+ .44	+4.24	+1.85	+1.66	−1.62	+ .23	−1.57
1897	+ .23	+ .48	+2.90	+ .79	− .79	+ .46	− .01	−1.77	−2.77	−1.57	+3.53	− .15
1898	+2.11	− .57	+4.35	−1.48	+ .50	− .04	− .35	0	+ .70	+1.79	− .14	− .57
1899	+ .07	− .17	+ .70	−1.94	− .03	− .99	− .09	− .33	−1.61	+ .14	− .47	+ .36
1900	−1.45	+1.33	−1.72	−1.90	+ .64	+1.69	+1.29	+ .05	−1.30	− .21	+1.25	−1.60
1901	−1.72	− .78	+ .29	− .86	−1.45	+ .50	−2.07	− .26	−1.82	+ .58	−1.71	+1.12
1902	−1.75	−1.44	− .64	−1.49	+ .33	+3.60	+ .01	−1.10	+1.40	− .19	+ .67	+1.27
1903	− .88	+1.96	− .81	+ .88	− .83	− .13	+ .07	+ .49	−1.50	− .09	−1.19	− .64
1904	+ .99	+ .13	+4.33	− .22	− .64	− .82	− .42	− .91	+ .08	−1.71	−2.65	+ .68
1905	− .99	− .39	−1.24	+ .20	+1.97	− .24	+1.22	+1.67	+ .12	+2.12	− .33	− .37
1906	− .07	−1.11	+1.40	−1.41	−1.69	− .41	− .19	+1.32	+ .71	− .82	+1.07	+1.40
1907	+3.80	−1.96	+1.14	− .74	+ .29	+ .84	+1.58	+ .47	− .45	− .03	− .22	+1.29
1908	−1.53	+3.35	+ .64	+ .86	+2.29	−1.85	− .43	−1.43	−2.38	−2.42	− .97	−1.21
1909	− .49	+3.38	− .88	+1.62	+ .76	+1.31	+1.89	− .36	− .70	+ .93	+ .20	+ .29
1910	− .24	+ .63	−3.54	− .11	+ .08	−1.83	+2.40	−1.22	+1.17	+2.71	−1.14	− .77
1911	− .24	− .61	−1.41	+1.98	−1.65	− .03	−1.51	− .17	+2.50	+1.29	+ .42	+ .07
1912	− .86	+ .17	+ .70	+1.48	+ .46	−1.04	+1.74	+1.98	− .03	− .64	−1.20	−1.39
1913	+4.59	− .88	+5.13	− .20	−1.21	−1.74	− .09	− .27	− .51	+ .64	+ .91	−1.68
1914	− .89	+ .61	−1.18	− .38	−1.47	− .84	−1.53	+1.36	− .40	−1.94	+ .23	+ .23
1915	+ .21	− .85	−2.60	−1.97	+1.92	− .53	+2.88	+2.97	+ .30	−1.34	− .17	+1.37
1916	+4.20	−1.10	−1.13	−1.05	+ .46	+2.49	− .95	− .20	− .44	− .66	−1.17	+ .48
1917	+ .20	−1.30	+ .05	+ .71	+ .85	+1.28	− .11	− .79	−1.61	+1.94	−2.47	−1.45
1918	+ .26	− .57	−1.86	+ .69	+ .77	− .54	− .27	− .07	+ .88	+ .08	− .76	+2.58
1919	−2.15	− .91	+1.15	− .42	+ .69	− .27	−1.42	−1.02	− .96	+5.64	+ .65	−1.48
1920	− .92	−1.54	+ .22	+2.36	− .40	− .83	+ .41	− .23	− .51	− .63	− .81	+ .43
1921	− .71	− .71	+1.98	+ .74	−1.62	− .33	−1.21	+1.99	+2.21	+ .09	+2.98	+1.06
1922	−1.51	− .81	+3.30	+2.54	− .37	−1.92	+ .12	−1.25	−1.53	+ .10	− .77	+1.42
1923	− .23	− .29	+ .05	−1.07	+1.16	− .40	+ .14	+1.47	+ .04	+ .35	− .72	+2.95
1924	− .19	− .83	− .16	− .37	+ .13	+2.38	−1.45	+ .35	+ .34	−2.37	−1.58	+2.07
1925	−2.38	− .71	− .43	−1.28	−2.67	− .04	+ .90	− .86	+1.86	+1.03	+1.47	−1.71
1926	− .90	+ .41	− .71	+ .21	−1.11	− .92	− .07	+2.80	+4.81	+1.55	− .91	− .84
1927	+ .22	− .80	+ .93	+2.37	+3.10	− .55	+ .04	− .24	+1.35	− .22	+2.70	+ .88
1928	−1.42	+ .35	−1.95	− .59	−1.04	+3.20	+ .18	+ .44	−2.10	+ .78	+ .15	− .65
1929	+1.76	− .56	− .65	+1.48	+3.24	+ .33	+ .85	− .60	− .31	+1.06	− .30	+1.13
1930	+3.20	+ .05	−1.93	− .99	−2.20	−1.25	−1.59	−1.29	+ .26	−1.23	−1.03	−1.70
1931	−2.36	− .79	− .73	− .41	−1.03	− .24	− .29	+1.02	+1.39	+ .94	+ .85	+ .60
1932	+2.27	− .73	− .93	− .87	−2.61	+ .79	+ .11	+ .31	+2.47	+1.16	− .57	+2.02
1933	+ .01	− .56	+1.65	+ .99	+4.15	−2.69	− .81	− .57	+1.58	0	−1.88	− .54
1934	−1.78	−1.59	− .79	−1.88	−2.85	− .30	− .95	+1.32	+2.31	−2.24	− .14	− .80
1935	− .37	−1.44	+1.29	−1.10	+3.02	+ .90	+ .20	− .24	− .74	− .93	+ .51	−1.19
1936	−1.69	+ .16	−1.02	− .37	−1.97	−2.48	−1.78	− .32	+1.48	+1.67	+ .57	+ .08
1937	+6.77	− .58	−2.31	+1.46	− .49	+ .71	+ .30	+ .20	− .12	+1.97	−1.23	− .06
1938	−1.44	+ .38	+2.56	− .97	+1.54	+1.37	+1.88	− .15	− .42	−1.94	− .01	−1.10
1939	+ .96	+1.71	+ .21	+2.26	−2.43	+2.27	+ .82	− .71	−2.52	− .04	−1.56	−1.50
Average 1887–1939	3.16	2.44	3.76	3.54	3.99	3.85	3.37	3.36	3.36	2.77	3.01	2.80

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1887	− 5.0	+ 4.1	− 3.3	−0.3	+5.1	+1.7	+4.8	−0.3	−0.9	−5.2	−2.9	− 1.9
1888	− 6.0	− .9	− 5.4	+1.3	−1.8	+1.4	+ .1	−1.8	−5.3	−5.5	+ .7	+ 2.4
1889	+ 3.3	− 4.0	+ .5	+ .1	−1.6	−3.6	−1.8	−3.4	−4.6	−5.6	−2.3	+13.2
1890	+ 9.4	+ 8.2	− 5.7	+1.4	−2.7	+4.5	− .9	−3.4	−5.2	−1.6	+2.3	+ .3
1891	+ 4.1	+ 4.5	− 5.0	+2.3	−2.4	+2.2	−3.9	−2.1	+1.7	−2.1	−3.1	+ 7.6
1892	− 5.7	+ 6.1	− 3.6	−1.0	−1.9	+1.6	−1.1	− .5	−1.5	− .5	−4.4	− 1.8
1893	−10.9	− .7	− .6	+ .6	−2.3	+ .4	+2.0	−1.2	+ .9	− .4	−2.1	+ .8
1894	+ 4.6	− 1.7	+ 5.3	+1.4	− .9	+1.9	− .7	+ .1	+ .9	+ .2	−3.6	+ 3.3
1895	− 6.3	− 9.9	− 2.3	+2.6	+1.0	+3.0	−2.1	+2.1	+3.3	−6.9	−1.2	+ 1.9
1896	+ .6	+ 1.4	− 5.4	+7.0	+7.0	− .3	− .7	+1.3	−3.6	−4.1	+1.9	+ 3.0
1897	− 3.9	+ 2.1	+ 1.7	−1.1	−4.2	− .9	+1.2	−2.1	+2.5	+5.2	+ .3	− .6
1898	+ 4.2	+ 1.9	+ 5.1	−2.3	+ .8	+1.7	+ .7	+1.4	+2.3	− .9	−3.5	− 3.4
1899	− .6	− 8.7	− 3.3	+2.6	+2.1	+2.0	− .6	+2.6	−2.0	+4.4	+3.7	− 1.8
1900	+ 3.4	− 4.1	− 5.2	+ .6	+2.5	− .4	− .1	+5.2	+3.0	+7.1	+ .5	+ 1.0
1901	+ 1.2	− 7.2	− .4	−3.1	−1.6	+1.9	+5.5	+1.4	− .5	+1.0	−3.7	− 5.2
1902	− .8	− 8.8	+ 2.8	−1.0	+3.9	−1.9	0	−2.4	−3.6	+1.9	+7.2	− 2.5
1903	− 1.9	− .8	+ 5.9	0	+3.1	−5.4	− .9	−1.5	− .8	+ .2	−3.9	− 8.0
1904	− 7.5	− 6.1	− .1	−5.0	− .3	−1.9	−2.7	−2.4	− .2	−1.0	− .4	− 3.0
1905	− 6.1	− 9.7	+ 5.2	− .1	+1.3	+ .2	−1.2	+ .6	−1.5	− .7	− .6	+ .7
1906	+ 6.2	− 1.9	− 8.9	+2.8	+1.4	− .5	−2.0	+2.6	+3.1	− .7	− .5	+ 1.6
1907	+ 4.8	− 1.1	+ 7.5	− 8.4	−3.6	− .9	−1.7	−1.8	−3.2	−2.6	+ .5	+ 1.7
1908	+ 1.6	− 1.6	+ 4.4	+ .9	+1.7	− .7	− .2	+ .4	+2.9	+ .1	+1.6	+ 1.8
1909	+ 2.7	+ 5.5	− 1.2	−1.0	−2.4	+ .7	−3.1	+1.5	−3.0	−4.5	+8.6	− 8.2
1910	− .7	− 3.4	+10.2	+1.3	−4.8	−2.9	− .5	−1.5	0	+2.8	−4.8	− 5.4
1911	+ 3.4	+ 5.1	0	−1.7	+5.5	+1.7	− .6	−1.1	+2.5	0	−4.8	+ 4.3
1912	−11.7	− 7.5	− 8.0	+1.9	+2.2	−3.2	− .8	−1.7	+1.0	+ .9	+ .5	+ 2.1
1913	+ 5.5	− 3.4	− .7	0	+ .6	+1.7	+1.8	+2.8	−1.2	− .2	+5.1	+ 4.6
1914	+ 5.6	− 7.9	− 3.0	+ .2	+2.2	+3.7	+1.9	+1.2	− .1	+3.3	+1.5	− 5.9
1915	− 3.6	+ 6.6	− 5.5	+5.5	− 2.7	− 3.1	− 3.0	− 5.6	+1.1	+1.9	+3.4	− 1.5
1916	+ 4.9	− 2.4	− 3.3	−1.4	+1.2	− 4.8	+3.5	+2.5	− 2.2	− .3	+1.7	− 3.3
1917	− .1	− 4.6	+ .5	−1.9	−6.7	− 3.3	− 2.0	− 1.5	− 2.7	− 7.9	− .6	−10.1
1918	−15.9	+ .8	+ 5.8	−2.7	+5.0	− .6	− 3.1	+4.6	− 8.2	+3.0	+ .7	+ 7.6
1919	+ 4.0	+ 2.8	+ 2.0	+ .3	−2.8	+3.8	+1.9	− .7	+1.9	+5.4	− .5	− 6.4
1920	− 6.3	− 1.4	+ 1.6	−4.8	−1.7	− 1.5	− 2.9	− 2.1	+1.3	+5.4	− .9	+ 1.4
1921	+ 5.0	+ 3.6	+ 7.2	+3.8	+2.1	+4.7	+4.8	− .6	+4.1	0	+1.9	+ 3.0
1922	− 2.5	+ 3.2	+ 2.8	+2.5	+4.3	+1.6	− 1.5	+ .3	+3.1	+3.0	+2.7	+ 1.1
1923	+ 4.6	− 4.0	− 2.1	−1.6	−1.4	+ .9	− .5	− .7	− .3	−2.4	+ .9	+ 9.4
1924	− 5.4	− .5	− 4.4	+ .8	−6.3	−1.4	−3.9	− .3	−5.2	+4.6	+ .7	− 4.4
1925	− 1.4	+ 7.3	+ 2.6	+5.5	− 4.1	+3.1	−1.3	+ .2	+5.6	−7.8	−2.1	− 3.6
1926	− .6	+ 3.9	− 6.5	−6.0	+1.1	−3.9	0	+1.9	+ .7	+ .2	−2.8	− 2.3
1927	− 1.3	+ 8.2	+ 3.2	+ .7	− 1.2	− 4.6	− 1.7	− 6.1	+3.3	+3.8	+4.7	− .7
1928	− .2	− 1.4	− 1.2	−3.8	−1.3	− 5.7	− .9	+1.1	− 4.7	+3.4	+1.2	+ 2.4
1929	− 4.2	− 5.5	+ 6.8	+3.1	− 2.7	− 2.7	− .6	− 2.3	− 1.2	− 2.1	−3.7	− 1.0
1930	− 3.8	+10.0	− 1.4	+2.2	+1.3	− .5	+1.7	+ .9	+1.1	− 2.0	+ .9	− .8
1931	+ 4.0	+ 7.0	− 4.1	+ .7	− 3.0	+2.4	+2.7	+ .3	+4.5	+3.8	+8.8	+ 8.2
1932	+ 9.2	+ 8.8	− 6.6	− .2	+ .5	+1.4	+ .7	+ .5	− 1.2	− .1	−3.7	− .4
1933	+ 9.4	+ .8	− .7	0	+2.7	+ 5.7	+1.3	− .7	+ 5.1	− 1.0	−1.5	+ 4.0
1934	+ 5.2	− 6.0	− 4.0	+ .2	+ 4.1	+6.0	+4.9	+ .7	− .6	+2.0	+1.3	− 2.3
1935	+ 2.0	+ 3.0	+ 7.2	−2.2	− 4.4	− 3.3	+2.3	+1.7	− .9	+1.0	− .1	− 6.6
1936	− 6.8	− 8.1	+ 3.8	−4.0	+3.5	+ .3	+ 5.7	+5.9	+3.4	+ .3	−3.9	+ 3.3
1937	+ 4.2	+ .8	− 3.8	− .6	+ .4	− .5	− 1.1	+ 2.8	− 2.4	−2.2	−3.1	− 2.8
1938	+ .4	+ 8.6	+ 7.0	+2.6	+ .3	− 1.7	− .1	+ 2.7	+ .9	+3.5	+2.9	− .8
1939	+ 5.4	+ 1.7	+ 2.2	−3.0	+2.9	+2.1	− .5	+ .3	+4.7	+2.8	−1.3	+ 3.2
Average 1887–1939	29.2	30.6	40.8	51.8	62.3	71.5	75.7	73.5	67.3	54.8	42.3	32.2

TABLE 12.—*Iowa: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1873	+1.44	+0.07	−0.31	+0.41	+1.93	+0.06	+0.88	+0.60	−1.63	+0.31	−0.88	+1.34
1874	+.58	+.18	−.30	−.82	−2.18	+1.21	−.62	−.45	+2.23	−.81	+.61	−.33
1875	−.27	+.62	−.11	−.52	−1.12	+3.19	+2.39	+.47	+1.21	−.97	−1.41	+.89
1876	+.40	+.01	+1.51	+.34	−1.22	−.53	+2.49	+1.58	+2.61	−1.17	+.10	−.93
1877	0	−.89	+.55	+.61	+.24	+2.18	−1.31	+.79	−1.86	+2.12	+.26	+1.01
1878	−.61	−.51	+1.63	+.42	+.95	+1.72	+1.47	−.35	−.68	+.40	−.97	−.40
1879	−.61	−.42	−.55	−1.59	+.32	+.50	−1.46	−.87	−1.11	−.14	+2.48	+.23
1880	+.27	−.46	.47	−.64	0	−.22	+.50	+1.20	+.37	−.43	−.31	−.32
1881	−.15	+2.00	+.18	−.46	−.33	+2.75	+1.67	−.86	+3.33	+4.09	+.41	+.07
1882	−.44	−.19	+.09	+1.01	+1.36	+2.86	0	−1.96	−2.94	+1.64	+.11	+.40
1883	+.22	+.79	−1.18	−.47	+2.19	+2.07	+1.48	−.99	−1.77	+1.04	−.16	−.14
1884	−.57	+.22	+.84	−.18	−.91	−.97	+1.75	+.52	+1.39	+1.87	−.81	+.98
1885	+.19	−.28	−1.49	+.22	−.62	+.46	+1.07	+2.33	−.77	+.29	−.91	+.28
1886	+1.50	−.51	−.01	−.02	−.68	−2.89	−3.16	−1.55	+.87	+.18	−.11	−.37
1887	+.04	+1.04	−.80	−1.34	−2.51	+1.69	−.81	−.82	+2.36	−.87	−.75	+1.00
1888	+.21	−.09	+1.31	−.07	+2.52	−1.69	+.65	+.86	−2.34	−1.17	−.04	+.29
1889	+.13	−.63	−1.26	−.37	0	+.13	+.34	−1.82	−1.01	−1.75	−.16	−.11
1890	+.70	−.27	−.24	−.99	−.42	+2.05	−1.62	−.32	−1.10	+1.11	−.29	−.59
1891	+.66	+.06	+.87	−.57	−.88	+.77	+.56	+.67	−2.48	+.44	+.10	+1.24
1892	0	+.10	+.49	+2.03	+4.71	+.57	+1.63	−1.33	−2.28	−.78	−.50	+.48
1893	−.35	+.29	+.41	+1.49	−.61	−.71	−.33	−1.25	−1.47	−1.05	−.43	+.14
1894	0	−.21	+.30	+.35	−2.19	−1.95	−3.03	−1.99	−.24	+.34	−.68	−.22
1895	−.24	−.61	−.90	−.10	−.87	−.30	−.65	+.86	−2.34	−.78	−1.86	−.09
1896	−.61	−.39	−.63	+2.30	+2.63	−1.51	+3.24	−.05	+.28	+.80	+.23	−.52
1897	+.92	−.21	+.66	+2.63	−2.14	−.81	−.40	−1.71	−1.77	−1.19	−.94	+.48
1898	+.51	+.10	+.21	−.16	+.61	+.10	−.68	−.13	−1.12	+1.23	−.10	−.69
1899	−.81	−.21	−.11	−.32	+2.17	+.42	−.59	+.11	−2.88	−.60	−.40	+.44
1900	−.56	+.20	+.33	−.05	−.75	−.64	+2.49	+1.08	+1.17	+1.58	−.54	−.72
1901	−.35	−.09	+.91	−.93	−1.71	−.91	−1.32	−2.28	+.96	−.35	−.74	−.24
1902	−.21	−.37	−.28	−1.01	+4.33	+2.54	+5.01	+3.01	+.54	+.21	+.53	+1.06
1903	−.81	+.08	−.35	+.26	+4.49	−1.76	+1.17	+3.07	0	−.38	−.76	+1.01
1904	+.09	−.69	+.45	+.91	−.28	−1.17	+.75	−.14	−1.03	−.66	−1.45	+.27
1905	−.18	+.47	+.31	+.31	+1.89	+.91	−.75	+.48	0	+1.07	+1.24	−.65
1906	+.43	+.19	+.61	−.30	−.52	−.70	−.62	+.38	+.35	−.37	+.43	+.26
1907	+.43	−.39	−.38	−1.40	−.58	+.73	+3.61	+.76	−1.06	−.83	−.57	−.17
1908	−.65	+.59	−.15	−.48	+4.28	+1.04	0	+1.20	−2.61	+1.05	−.04	−.60
1909	+.57	+.44	−.20	+1.86	+.28	+1.79	+1.11	−1.76	−.23	−.11	+3.79	+1.01
1910	+.48	−.64	−1.56	−1.24	−.65	−2.63	−1.80	+.31	−.22	−1.56	−1.26	−.84
1911	−.12	+1.66	−.80	+.37	−.30	−2.80	−1.39	−.25	+1.31	+1.01	−.18	+1.40
1912	−.56	+.11	+.28	−.06	−.73	−1.88	+.05	+.21	+.17	+.65	−.62	−.43
1913	−.32	−.28	+.75	+.57	+2.18	−1.31	−1.84	−.89	−.50	+.70	−.42	−.15
1914	−.21	−.23	−.04	−.20	−.75	+.95	−1.39	−1.38	+4.07	+.90	−1.38	+.13
1915	+.54	+1.83	−.77	−1.31	+3.28	−.46	+4.66	−.76	+2.22	−1.02	+.34	−.48
1916	+1.53	−.55	−.16	−.10	+.87	−1.91	−1.88	−.99	+.08	−.33	+.01	−.13
1917	−.26	−.74	+.11	+1.83	−.19	+2.03	−1.39	−1.29	−.91	−.39	−1.32	−.61
1918	−.07	−.15	−1.10	−.40	+1.81	−.67	−.49	+.04	−1.94	+1.31	+.51	+.13
1919	−.85	+1.32	+.60	+2.06	−.95	+1.51	−.80	−.98	+1.53	+.69	+1.80	−.63
1920	−.67	−.54	+1.29	+1.87	−.80	−1.06	+.56	−.22	−.51	−.20	+.58	−.01
1921	−.58	−.33	−.16	+.62	+.17	−.86	−1.13	+1.47	+2.91	−.37	−1.02	−.15
1922	−.20	+.49	+.24	+.34	−.53	−2.80	+2.65	−.51	−1.78	−.52	+1.94	−.80
1923	−.24	−.70	+1.14	−.63	−1.22	+.31	−1.91	+1.85	+1.98	−1.11	−1.02	−.41
1924	−.20	+.17	+.92	−1.34	−2.35	+3.48	+.01	+1.78	−.68	−1.46	−1.02	+.62
1925	−.69	−.28	−.80	−.52	−2.90	+2.02	−1.00	−.10	+1.23	+.54	−.93	+.13
1926	0	−.34	−.67	−1.81	−1.30	−.10	+.06	+.23	+5.95	−.80	+.50	−.11
1927	−.80	+.05	+.19	+2.12	+.63	−2.20	−1.70	−1.21	+.75	+.92	−.73	−.13
1928	−.92	+.85	−.29	−.48	−1.59	+.76	+.77	+2.85	−.73	+1.33	+2.23	−.28
1929	+.97	+.21	−.29	+1.90	−1.59	−1.54	+.65	−1.13	−.07	+.77	−.36	−.78
1930	+.24	−.43	−.84	−.05	−.34	+1.21	−2.17	−1.15	−1.50	−.25	+.52	−.60
1931	−.59	−.85	−.05	−.43	−1.10	−.79	−.94	−.27	+2.88	+.68	+4.16	+1.31
1932	+.72	−.27	−.27	−.76	−.07	+.55	−.54	+3.53	−1.76	−.54	−.05	−.27
1933	−.14	−.78	+1.36	−1.51	+.30	−2.98	−.21	−.56	+.35	−.97	−1.29	−.12
1934	−.26	−.63	−.64	−1.65	−3.04	−1.13	+.19	−.73	+1.26	−.81	+3.43	−.60
1935	+.07	+.03	−.26	−.80	+.78	+2.38	−.31	−1.15	−.35	+.43	+1.10	−.22
1936	+.59	+.23	−.71	−1.62	−1.15	−1.77	−3.15	−.09	+3.41	−.64	−.94	+.38
1937	+1.16	−.06	−.10	+.48	+.01	−.82	−1.03	+.42	−2.31	−.30	−.88	−.43
1938	+.05	−.16	+.62	+.94	+1.39	+.05	−.58	−.25	+1.86	−1.45	+1.16	−.46
1939	−.23	+.65	+.06	−.65	−1.99	+.70	−.51	+1.15	−2.99	−.85	−1.09	−.55
Average 1873–1939	1.09	1.10	1.73	2.72	4.06	4.62	3.66	3.57	3.81	2.33	1.60	1.17

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1873	−6.6	−3.1	−0.6	−5.5	−3.5	+4.9	−0.6	+3.5	−4.8	−5.6	−0.1	−1.5
1874	+1.0	−1.1	−2.9	−6.8	+4.1	+1.8	+3.2	+2.1	−1.1	−.4	−3.4	−.1
1875	−13.7	−15.9	−7.7	−5.7	+.5	−2.1	−1.8	−3.3	−3.3	−3.8	−6.2	+5.9
1876	+4.9	+3.2	−7.4	−.6	+1.1	−2.0	−.4	+1.0	−3.5	−4.6	−5.0	−12.2
1877	−4.9	+11.7	−7.3	−1.2	+.3	−2.7	−.6	−.3	+1.5	−2.0	−3.0	+12.7
1878	+6.8	+12.1	+11.0	+3.7	−4.3	−2.9	+1.9	+2.2	−1.0	−2.7	+3.4	−6.9
1879	−2.5	−.7	+2.6	+1.6	+2.9	−.2	+1.4	−.2	−4.6	+6.7	0	−8.0
1880	+13.4	+5.1	−1.0	−.8	+6.3	+1.4	−.8	+.3	−2.8	−4.0	−11.0	−8.0
1881	−9.0	−5.3	−7.5	−6.2	+6.7	+.8	+1.3	+4.3	+.6	+.5	−1.9	+9.7
1882	+4.8	+11.2	+1.7	+.1	−5.7	−1.5	−5.5	−.7	−.5	+2.8	+1.2	−3.1
1883	−10.6	−4.6	−4.0	+1.2	−5.4	−2.0	−1.7	−3.0	−5.4	−4.4	+.5	+.7
1884	−5.3	−4.0	−2.6	−1.9	−.4	+.6	−3.6	−3.7	+2.6	+2.6	−.7	−7.9
1885	−9.2	−9.8	−3.3	−1.2	−2.6	−1.7	0	−5.3	−2.2	−4.9	+.1	+.5
1886	−10.5	−1.1	−4.0	+1.6	+2.5	−.3	+1.6	+2.0	−.9	+3.4	−4.2	−9.7
1887	−9.8	−1.1	+2.4	−4.6	+2.5	+2.4	−1.4	−1.8	−5.2	−1.2	−3.8	
1888	−13.2	−2.1	−8.2	+.1	−6.2	−.2	+1.3	+4.0	−3.9	+.8	+4.5	
1889	+3.0	−4.5	+5.1	+1.6	−.8	−2.9	−2.0	−.9	−3.2	−4.1	−3.3	+11.7
1890	−.6	+2.8	−6.5	+2.5	−3.5	+2.6	+.6	−4.1	−4.4	−2.4	+2.6	+4.4
1891	+7.4	−2.9	−7.8	+1.9	−1.7	−.5	−6.1	−3.1	+3.4	−1.6	−5.8	+8.2
1892	−3.3	+5.8	−2.7	−3.3	−6.0	−.4	−1.6	−.8	+.8	+2.9	−3.0	−5.2
1893	−9.3	−6.3	−2.8	−3.2	−3.4	+1.6	+.4	−2.8	+.8	+.8	−2.3	−2.1
1894	+.7	−2.6	+6.4	+3.0	+1.1	+3.6	+1.8	+2.4	+1.2	+.1	−3.6	+6.0
1895	−5.3	−6.5	−.2	−5.5	+1.7	+.1	−2.5	−.3	+2.9	−2.0	+1.3	
1896	+4.8	+5.1	−3.7	+5.8	+5.5	−.5	−1.0	−.5	−5.4	−3.8	−6.7	+6.7
1897	−1.4	+2.4	−2.6	−.8	−1.5	−.5	+1.0	−3.3	+7.0	+5.2	−2.0	−6.1
1898	+4.8	+1.9	+2.9	−.6	−.4	+1.8	−1.2	−1.0	+1.4	−4.1	−4.1	−6.0
1899	+1.2	−10.1	−11.6	+.2	−.2	+1.1	−1.5	+2.2	−1.4	+5.1	+7.6	−1.5
1900	+7.0	−7.5	−3.9	+3.5	+3.2	+.1	−1.2	+5.2	+.5	+7.7	−2.8	+2.8
1901	+5.1	−4.8	−.4	+1.2	+.7	+2.7	+7.8	+1.6	−.6	+2.6	−.5	−3.6
1902	+3.8	−4.7	+4.5	+3.2	+.5	−4.4	−1.5	−3.1	−4.8	+1.9	+4.9	−4.0
1903	+4.4	−2.5	+4.2	+1.1	+1.6	−5.0	−.3	−3.1	−.6	+2.1	−3.1	−4.5
1904	−4.6	−7.5	−.2	−4.6	−.4	−2.5	−4.0	−3.1	+.1	+1.5	+4.7	−.7
1905	−7.4	−9.5	+6.9	−1.2	−1.7	+.3	−4.0	+2.1	+1.9	−2.4	+2.1	+2.9
1906	+6.0	+1.3	−7.5	+3.8	+.8	−1.7	−3.7	+1.9	+3.3	−1.1	−.9	+1.6
1907	+.2	+2.7	+6.0	−7.2	−6.5	−3.1	−.9	−1.1	−1.1	−1.2	+.4	−4.7
1908	+6.3	+2.0	−3.3	+1.8	−.6	−2.5	−1.6	−2.2	+4.0	−.5	+3.0	+3.1
1909	+2.6	+3.9	−2.1	−4.9	−2.1	−.5	−2.3	+3.9	−1.5	−1.9	+6.1	−9.0
1910	−.5	−4.5	+14.3	+3.8	−4.6	−.1	−.1	−.3	+.4	+3.6	−2.9	−.7
1911	+1.6	+5.0	+4.8	−1.9	−4.9	+6.1	+.9	−.5	+1.9	−2.9	−6.4	+3.8
1912	−14.4	−4.2	−9.7	+1.2	+2.7	−3.4	0	−1.2	−1.8	+.6	+3.8	+5.1
1913	+2.3	−2.1	−2.7	+1.5	−.6	+1.9	+1.5	+4.4	+.6	−2.4	+7.8	+7.9
1914	+9.2	−5.5	+.1	−.1	+2.2	+2.6	+2.0	+1.5	+.6	+4.3	+4.7	−8.4
1915	−1.1	+6.8	−5.3	+8.5	−3.9	−4.5	−5.1	−6.3	−.2	+2.8	+3.9	+.9
1916	−.8	−3.3	+.6	−1.6	−.1	−5.1	+1.8	−1.4	−.7	+1.0	−5.4	
1917	−3.6	−7.1	0	−3.2	+4.9	−3.6	−.3	+2.8	−1.3	−.7	+4.4	−9.6
1918	−10.0	+.7	+8.3	−3.9	+4.9	+1.2	−1.5	+3.8	−5.3	+3.5	+3.6	+8.6
1919	+8.2	+2.6	+2.9	−.3	−1.8	+2.3	+2.8	−.7	+3.6	−.9	−2.7	−9.1
1920	−1.9	+1.7	+3.4	−6.3	−.6	+1.1	−2.3	−2.9	+2.6	+6.1	−.9	+2.3
1921	+9.8	+8.7	+8.2	+3.7	+3.3	+5.1	+3.3	−.1	+3.4	+3.0	−2.7	+4.1
1922	+1.2	+1.4	+3.7	+1.2	+3.4	+2.6	−3.1	+1.6	+3.2	+4.5	+5.9	−.1
1923	+8.1	−2.2	−5.2	−.3	−.4	+1.3	+1.9	−1.6	−.3	−3.1	+3.8	+9.4
1924	−4.7	+3.5	−2.7	−6.2	+2.8	+4.4	−.5	+4.8	+6.5	+2.6	−8.7	
1925	+.8	+6.1	+5.5	+7.8	−2.2	+.8	−.5	+.2	+5.1	−1.1	−.2	−3.1
1926	+4.1	+8.9	−2.5	−2.6	+4.5	−3.4	+.2	+1.3	−.9	−.4	−3.7	−2.2
1927	+3.1	+8.3	+5.0	+.5	−1.6	−3.2	−1.7	−4.3	+3.5	+3.9	+1.4	−5.4
1928	+6.6	+6.3	+4.3	−4.4	+2.6	−5.1	−.7	+.5	−3.4	+2.6	+2.4	+4.6
1929	−8.4	−8.3	+4.5	+2.5	−2.3	−2.0	−.5	−.3	−1.5	+.2	−4.0	+.7
1930	−8.1	+13.2	+2.7	+3.4	+.2	+6.3	+3.3	+2.2	+2.4	−.9	+5.0	+2.6
1931	+10.7	+13.1	+.3	+2.2	−2.5	+5.4	+2.6	+.4	+7.1	+5.2	+7.6	+10.0
1932	+3.9	+6.6	−6.2	+1.3	+2.3	+2.4	+1.2	0	+1.7	−2.0	−3.1	−2.2
1933	+13.9	0	+1.4	+.1	−.5	+8.2	+1.5	−1.7	+5.5	−1.5	+1.6	+3.0
1934	+8.3	+2.7	−.2	+1.7	+9.6	+7.6	+5.1	+1.2	−2.9	+5.0	+5.6	−2.6
1935	+2.0	+6.8	+6.1	−2.0	−5.0	−3.7	+4.8	+1.4	+1.1	−.7	−2.3	−1.7
1936	−9.1	−16.3	+4.6	−2.8	+6.2	+.5	+8.8	+7.0	+4.1	−.7	−.8	+4.6
1937	−5.8	−2.7	−1.7	−1.0	+1.8	−.6	+1.3	+5.6	+2.0	−1.3	−2.4	−1.3
1938	+2.4	+6.7	+9.1	+1.6	−.5	−.4	+1.9	+3.5	+2.9	+7.8	+1.3	+2.2
1939	+10.1	−2.0	+1.8	−.9	+6.4	+1.8	+1.6	−1.5	+5.4	+1.8	+3.6	+8.3
Average 1873–1939	18.6	22.3	34.6	48.7	60.0	69.6	74.6	72.2	63.9	51.6	36.3	24.1

TABLE 13.—*Kansas: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURE IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1887	−0.41	−0.19	−1.01	+0.56	−1.40	−0.41	−1.14	+1.66	+0.21	−0.22	−0.79	+0.02
1888	− .23	− .02	+ .40	+ .37	− .59	− .48	− .52	+1.29	−2.03	− .36	− .57	− .32
1889	+ .52	− .27	+ .22	+ .62	+1.66	− .01	+1.49	− .26	− .87	+ .47	+ .16	− .78
1890	+ .82	− .57	−1.18	+ .44	−1.68	−1.29	−1.86	+1.06	− .78	− .13	+ .16	− .32
1891	+ .84	− .04	+1.44	− .14	+ .95	+2.29	+1.40	−1.83	− .28	+ .23	− .85	+ .64
1892	− .02	+1.77	+1.96	− .80	+3.03	−2.12	+ .18	+ .33	−1.74	+ .05	− .76	+ .65
1893	− .56	− .43	− .49	−1.01	− .79	− .08	+ .36	− .41	− .27	−1.61	− .49	− .46
1894	+ .08	+ .20	− .53	− .15	−1.63	+ .95	−1.54	−2.43	+ .85	− .69	− .94	+ .06
1895	− .10	+ .22	− .59	−1.23	−1.26	+1.02	+2.35	+2.10	−1.05	−1.20	+ .16	+1.17
1896	+ .04	− .73	− .65	+1.32	+ .66	+ .23	+1.45	− .41	+ .22	+ .89	− .35	− .44
1897	+ .43	+ .19	+ .53	+1.17	−1.79	− .35	− .03	− .04	−1.42	+ .59	−1.04	− .28
1898	+1.05	+ .06	+ .08	+ .58	+2.45	+ .41	− .16	− .64	+1.08	− .16	− .24	+ .79
1899	− .33	− .38	+ .33	−1.11	− .44	+1.38	+2.22	− .17	− .90	− .27	+ .13	+ .31
1900	− .47	+ .66	− .65	+1.65	− .65	− .40	+ .15	−1.01	+2.97	+ .52	− .79	− .51
1901	− .28	+ .19	+ .22	+1.10	−2.21	−1.71	−1.32	− .45	+ .32	− .06	− .68	− .26
1902	+ .14	− .28	+ .38	−1.39	+2.59	+1.81	+1.04	+2.38	+ .67	+ .30	+ .12	+ .17
1903	− .38	+1.17	− .13	+ .34	+4.10	−1.61	− .14	+1.75	− .81	+1.39	− .35	− .47
1904	− .24	− .90	− .16	+ .81	+1.60	+2.58	+2.81	+ .19	− .20	− .66	−1.13	− .18
1905	+ .18	− .08	+ .70	+ .16	+ .59	− .24	+2.29	−1.33	+1.82	− .22	+1.11	− .70
1906	− .01	− .29	+ .11	− .51	−1.34	− .32	+1.45	+ .71	+ .90	+ .09	+ .47	− .19
1907	+1.37	− .27	− .40	−1.18	−1.46	+ .84	+ .61	+ .13	− .75	+1.00	− .53	+ .61
1908	− .47	+ .76	− .73	− .66	+1.24	+3.92	+ .27	+ .75	−1.20	+1.38	+1.25	− .70
1909	− .21	− .28	+ .37	−1.26	− .17	+1.47	+2.27	−1.89	+ .29	− .20	+3.73	+ .54
1910	+ .24	− .54	−1.37	−1.37	+1.00	−2.11	−1.15	+1.27	+ .09	−1.35	−1.19	− .34
1911	− .44	+2.81	−1.04	− .69	−1.17	−3.35	+ .83	+ .49	+ .28	− .53	− .44	+1.29
1912	− .53	+1.06	+1.24	+ .06	− .96	+ .03	− .60	+1.19	− .29	+ .26	− .74	− .52
1913	− .22	+ .69	− .53	− .62	− .93	+1.54	+1.84	+2.63	+1.04	+ .05	+ .38	+2.68
1914	− .52	+ .14	− .35	− .76	− .44	− .03	− .50	+ .17	− .11	+ .25	−1.15	− .11
1915	+ .51	+1.62	+ .24	+1.21	+3.02	+2.47	+2.74	+1.53	+1.68	− .37	− .75	+ .38
1916	+1.33	− .77	− .33	+ .01	− .51	+2.02	−2.38	−1.03	− .57	− .27	+ .07	− .22
1917	− .35	− .96	− .54	+ .39	− .33	−1.88	−1.63	+1.76	− .41	−1.44	− .89	− .61
1918	0	− .21	+ .31	+ .53	+ .30	−2.68	− .57	− .83	− .04	+1.92	+ .45	+1.93
1919	− .60	+ .82	+ .44	+1.33	− .86	+ .37	−1.25	−1.29	− .04	+ .19	+ .70	− .65
1920	− .40	− .67	+ .04	+ .19	− .76	+1.06	+ .09	+1.24	+1.39	+ .92	+ .07	+ .11
1921	+ .39	− .74	− .17	+ .55	−1.22	+1.01	+ .03	+ .24	+ .51	−1.28	−1.20	− .36
1922	− .28	+ .09	+2.38	+2.34	+ .14	−1.66	+1.73	−1.59	− .73	− .63	+1.50	− .77
1923	− .54	+ .81	+ .10	− .03	+1.92	+2.11	− .01	− .68	+1.44	+2.42	− .36	− .17
1924	− .28	− .18	+1.12	− .30	−1.71	−1.82	+ .53	+ .99	− .12	− .63	− .55	+ .69
1925	− .29	− .60	− .59	+1.00	−1.67	+ .04	− .01	+ .08	+1.36	− .36	+ .20	− .57
1926	+ .13	− .22	+ .19	−1.13	−1.63	−1.30	− .65	− .26	+2.04	+ .93	+ .15	+ .06
1927	− .26	− .22	+1.40	+2.30	−1.92	+1.92	− .55	+3.36	0	− .12	− .83	− .27
1928	− .58	+ .87	− .03	− .18	− .30	+3.36	+1.22	+ .01	−1.41	+ .67	+3.14	+ .14
1929	+ .46	− .17	− .50	+ .81	+ .93	0	+ .38	− .96	− .86	+1.69	+ .34	− .65
1930	+ .26	− .69	−1.15	+ .30	+ .53	− .07	−1.17	− .29	+ .23	+1.73	+1.16	− .46
1931	− .41	− .02	+ .97	− .11	− .94	−1.84	− .84	+ .17	− .27	− .30	+3.19	− .19
1932	+ .66	− .29	− .55	− .31	−1.58	+1.74	− .04	− .18	− .62	− .91	− .95	+ .30
1933	− .42	− .74	+ .03	− .10	− .03	−3.12	− .36	+2.11	− .52	−1.04	− .55	+ .43
1934	− .24	+ .15	− .74	−1.25	−1.01	−1.26	− .03	−1.78	+1.41	− .61	+1.31	− .42
1935	− .06	− .21	− .62	−1.39	+3.95	+1.09	−2.48	− .15	+ .40	+ .98	+1.04	− .57
1936	+ .04	− .77	−1.30	−1.35	+1.05	−2.73	−2.30	−2.04	+2.07	− .08	−1.09	+ .32
1937	+ .73	− .32	+ .21	−1.52	− .68	− .72	− .02	−1.04	− .87	− .47	− .60	− .31
1938	− .22	+ .16	+ .62	− .11	+3.73	+ .09	− .26	− .57	− .58	−1.57	+ .13	− .64
1939	+ .11	+ .22	+ .28	− .56	−1.48	+ .60	−1.76	+ .40	−2.45	−1.30	− .44	− .03
Average 1887–1939	.67	1.00	1.44	2.52	3.83	3.99	3.16	3.10	2.77	1.90	1.27	.84

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1887	− 3.9	− 3.0	+ 2.4	+2.2	+5.6	+2.4	+1.0	−2.6	−1.1	−2.6	−1.7	− 4.8
1888	− 9.0	+ 3.6	− 6.2	+2.0	−2.2	+ .8	+2.1	−1.6	−1.9	−1.6	−5.1	+ 2.8
1889	− 2.3	− 5.6	− .4	+ .6	−1.0	−2.6	−2.2	−1.8	−3.9	−1.8	−5.7	+10.8
1890	− 2.6	− .1	− 2.5	+ .5	+ .5	+3.8	+4.0	−1.8	−4.4	−2.2	+ .2	+ 3.2
1891	+ .5	− 3.2	− 8.7	+1.6	−1.8	−3.1	−5.1	−2.8	+ .8	−2.4	−3.3	+ 3.9
1892	− 3.5	+ 2.3	− 5.3	−2.1	−5.4	− .4	−1.6	−1.4	0	−2.3	−2.7	− 5.9
1893	− .6	− 3.8	− 2.6	− .5	−2.4	+ .9	+ .4	−4.1	+ .7	−2.1	−3.3	+ 3.3
1894	− 1.4	− 7.7	+ 2.4	+2.6	+1.3	+ .4	−1.3	+ .1	−1.3	+ .7	− .1	+ 1.6
1895	− 4.6	− 8.2	− 1.2	+3.9	+1.9	−2.1	−4.2	−1.9	+2.9	−4.9	−2.3	+ .3
1896	+ 4.3	+ 4.9	− 4.2	+5.9	+5.4	+ .3	−1.0	+ .8	−4.0	−3.0	−5.5	+ 6.5
1897	− 1.5	+ .5	− .9	−1.1	+ .2	+2.8	+1.1	−1.9	+4.2	+3.7	−1.0	− 4.1
1898	+ 2.0	+ 3.9	− .6	+4.0	−1.0	+1.2	−1.4	+ .3	− .4	−3.4	−3.5	− 5.3
1899	+ .2	−13.4	− 6.1	− .5	+3.5	+ .1	−2.9	+2.7	−1.0	+4.6	+5.2	− 1.7
1900	+ 5.3	− 5.1	− .9	+1.1	+1.6	+1.1	−1.2	+3.1	+ .6	+4.3	−1.3	+ 2.1
1901	+ 2.7	− 5.0	− 1.1	−1.8	− .8	+3.5	+5.9	+1.2	− .7	+2.8	+1.7	− 2.5
1902	+ .3	− 6.1	+ 2.3	+ .3	+4.5	−2.9	−2.3	+ .3	−6.0	+1.6	+3.2	− 4.7
1903	+ 2.3	− 5.6	+ .1	+ .5	−1.5	−6.6	− .8	−2.6	−3.0	0	−1.4	+ .7
1904	− .6	− .4	+ 3.5	−3.8	−1.5	−3.4	−3.5	−3.3	+ .4	+1.8	+3.0	− 1.4
1905	− 8.1	−11.9	+ 6.9	−1.5	− .8	+1.7	−4.6	+ .8	+1.6	−3.2	+2.7	− .1
1906	+ 5.3	+ 2.8	−10.3	+3.9	+1.1	−2.0	−5.3	−1.6	+ .6	−2.6	−1.8	+ 4.3
1907	+ 1.3	+ 2.5	+ 9.1	−6.0	−5.6	−1.8	− .7	+ .2	− .1	+ .1	− .6	+ 1.6
1908	+ 5.6	+ 3.5	+ 4.9	+1.4	− .1	−1.7	−3.3	−1.7	+ .5	−2.1	+1.1	+ 2.8
1909	− .1	+ 3.6	− 1.3	−1.7	− .7	−1.0	+2.2	+ .1	− .7	+5.6	−10.3	
1910	+ .5	− 3.0	+12.7	+2.5	−3.9	−1.6	+ .4	−2.2	+ .5	+2.7	+1.2	− .1
1911	+ 4.2	+ 2.9	+ 4.4	− .3	+2.8	+6.7	− .5	−1.5	+4.8	−2.3	−4.5	− 2.0
1912	−10.8	− 1.9	−11.3	− .2	+2.9	− 4.5	+ .8	− .5	−3.6	+ .6	+2.2	+ 1.8
1913	− .2	− 5.5	− 3.5	+2.2	+2.8	+ .4	+1.0	+6.3	−2.0	−3.2	+6.2	+ 1.3
1914	+ 7.9	− 2.8	+ .5	0	+ .4	+4.4	+ .8	+ .3	+2.3	+1.1	+5.1	− 9.5
1915	− .5	+ 5.0	−10.4	+4.3	−3.6	−4.6	−5.1	−7.8	− .6	+1.8	+5.0	+ 1.6
1916	− 4.5	− .7	+ 4.4	−4.1	+ .3	−3.5	+2.1	+1.7	−2.0	+ .2	+ .8	− 4.6
1917	+ 1.6	− 1.1	+ .4	−2.6	−6.4	−1.0	+1.7	−4.5	− .7	−6.2	+4.4	− 6.7
1918	−10.5	+ 2.9	+ 6.4	−6.1	+3.7	+4.6	− .8	+4.4	−6.0	+3.1	− .4	+ 2.5
1919	+ .3	− .5	+ .7	−1.5	−2.6	−1.5	+1.1	+ .4	+2.7	−2.5	−3.4	− 5.5
1920	+ 1.7	+ 2.3	+ 2.3	−5.7	− .7	−1.0	−1.5	−5.0	+ .3	+3.3	−3.1	+ 1.4
1921	+ 7.0	+ 7.2	+ 6.6	+ .2	+1.6	+ .6	+ .1	+ .7	+3.9	+ .2	+ .7	+ 1.4
1922	− 1.4	+ .8	− .1	+ .2	+ .7	+1.4	−2.1	+2.2	+3.3	+2.1	+2.4	+ 1.3
1923	+ 8.6	− 1.5	− 2.6	− .4	−2.6	− .8	− .4	+ .3	− .2	−5.5	+2.0	+ 2.7
1924	− 3.7	+ 2.7	− 8.0	+ .3	−5.8	+ .3	−3.5	+ .9	−4.2	+3.7	+2.5	− 8.6
1925	− 4.4	+ 6.9	+ 5.2	+5.1	−1.0	+3.8	+ .7	− .7	+2.9	−9.3	− .7	+ .1
1926	+ 2.8	+ 8.1	− 2.0	−5.1	+2.4	−1.1	− .3	+1.5	− .6	+1.4	−2.9	− 1.3
1927	+ 2.2	+ 5.5	− .2	+2.5	+1.6	−2.0	−1.9	−6.1	+ .1	+3.4	+1.6	− 5.5
1928	+ 4.8	+ 3.8	+ 3.3	−3.1	+1.0	−6.5	−1.6	−1.0	−2.1	+1.8	+ .7	+ 2.7
1929	− 5.2	− 8.0	+ 3.5	+1.8	−2.7	−1.7	− .2	+1.0	−2.6	0	−7.5	+ 1.6
1930	−12.0	+13.3	− 1.1	+4.4	−1.3	−1.1	+2.3	+1.8	+1.0	−2.2	+1.8	+ .5
1931	+ 6.5	+ 8.7	− 4.3	−1.6	−3.4	+4.0	+1.3	−1.9	+7.7	+4.5	+3.0	+ 5.8
1932	− 1.2	+ 7.4	− 6.5	+2.8	+1.7	− .4	+2.5	+1.4	−1.3	−2.0	−2.2	− 5.0
1933	+ 9.4	− 1.6	+ 2.7	0	+ .4	+6.9	+2.3	−1.2	+4.5	+ .6	+4.0	+ 6.5
1934	+ 6.4	+ 3.0	+ .7	+2.4	+5.7	+6.7	+8.1	+5.7	−4.6	+5.1	+4.1	0
1935	+ 5.1	+ 5.8	+ 7.6	−2.4	−4.9	−2.8	+5.2	+2.5	− .7	−1.1	−3.0	+ .7
1936	− 3.6	−10.8	+ 5.1	− .2	+3.8	+3.5	+6.6	+7.4	+2.7	−2.0	− .1	+ 4.6
1937	− 8.6	− .3	− 3.4	− .4	+2.8	+ .5	+2.6	+5.6	+1.5	0	−2.2	− 1.3
1938	+ 4.7	+ 4.7	+ 7.6	+ .3	− .4	0	+1.8	+5.0	+2.5	+7.6	− .6	+ 3.1
1939	+ 8.4	− 2.6	+ 2.1	− .2	+4.6	+1.5	+4.3	+ .2	+5.7	+3.9	+1.1	+ 5.9
Average 1887–1939	29.9	33.0	43.4	54.7	63.9	73.8	79.1	77.9	69.8	57.2	43.2	33.1

TABLE 14.—*Kentucky: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1889	−1.05	−1.53	−3.20	−2.39	+0.06	+1.11	+1.43	−2.46	−1.70	−0.30	+2.65	−2.30
1890	+1.86	+4.54	+3.62	+.04	+.25	+.80	−1.53	+2.47	−.22	+.24	+1.48	−.36
1891	+.83	+1.28	+3.36	−1.48	−2.19	+.32	−.11	+2.13	−1.04	−1.92	+2.65	+.23
1892	−1.85	−.52	−.64	+3.12	+1.52	+.07	−.89	−.56	−.25	−2.19	+.46	+.35
1893	−2.49	+.96	−1.96	+2.99	+1.62	+.48	−.71	−1.97	+.31	+1.30	−.27	−1.18
1894	−1.66	+1.22	−2.00	−.46	−.43	−1.47	−2.16	−.67	−.22	−1.34	−2.07	+.44
1895	+1.14	−2.78	−1.55	−.82	−.81	−.53	+1.56	−1.54	−1.83	−1.46	+.90	+.56
1896	−3.32	−.38	+1.44	−2.35	+1.37	+.48	+3.25	−.86	+.84	−.99	+1.62	−2.05
1897	−1.32	+2.31	+3.22	+2.03	−.70	−.55	+.60	−1.36	−2.72	−1.60	+1.30	−.12
1898	+4.19	−1.83	+2.87	−.62	+.55	−.26	+.52	+.14	+1.43	+1.49	−.60	−1.13
1899	+1.66	+.53	+3.38	−.84	+.82	−1.36	−.41	−.60	−1.27	−.28	−1.27	+.39
1900	−1.77	+1.24	−2.14	−1.85	−.48	+1.98	+.72	−.95	−.68	−.41	+4.39	+1.28
1901	−2.72	−2.17	−1.22	+.01	−1.32	−.19	−2.47	+1.43	+.64	−1.13	−1.87	+1.03
1902	+.57	−2.14	−.28	−1.35	−.42	+.59	−2.28	−1.21	+1.08	−.36	+1.03	+3.49
1903	−2.07	+3.84	−.29	+.43	−.88	−.55	−.66	−.42	−2.02	−.48	−.38	−.99
1904	−1.40	−1.12	+1.54	−1.17	−.92	−1.02	−.79	−1.05	−.35	−2.18	−2.50	+.43
1905	−1.74	−1.00	−.27	−1.00	+1.26	+.33	+1.74	+.13	−.32	+2.25	+.16	+.51
1906	−1.09	−1.63	+1.65	−2.60	−1.43	+.37	+1.83	+.68	+3.22	−1.19	+1.63	+1.77
1907	+3.45	−.38	−2.44	−1.22	+1.10	+.75	+.52	+.58	+.07	+.27	+.10	−.67
1908	−2.37	+2.12	+.70	+2.56	+.37	+.20	−.25	−.90	−1.90	−1.99	−.78	−1.45
1909	−1.10	+4.73	−.42	+1.98	+.67	−.87	+1.82	−1.09	−.42	−.59	−1.10	−.41
1910	−.16	+1.26	−3.93	+1.14	+.84	+1.04	+4.44	−.97	+1.48	+1.75	−1.35	−.50
1911	−1.69	−.19	−2.15	+3.06	−1.51	−.10	−1.91	+.34	+.78	+1.01	+1.12	+2.38
1912	−1.48	−.36	+1.50	+3.90	+.56	−.68	+1.31	+1.02	−.13	−1.28	−2.17	+.11
1913	+6.84	−.50	+2.50	−1.27	−1.05	−1.29	−1.65	−.88	−.44	+.85	−.14	−1.14
1914	−2.26	+.70	−1.10	−.38	−1.81	−1.86	−.99	+2.25	+.03	+2.40	−2.16	+1.35
1915	+.46	−1.70	−2.61	−3.04	+2.65	+.63	+1.11	+2.60	+.39	+.70	+1.41	+3.69
1916	−2.70	−1.33	−1.36	+.07	+.78	+.02	+.56	+.55	−.11	−1.87	+.36	−.16
1917	+1.81	+.07	+1.80	+1.02	−.54	+.14	+.19	−.20	−.37	+.48	−2.16	−1.86
1918	+.52	−1.40	−2.75	+.07	+.32	−.53	−.91	−.51	+.01	+1.11	−1.49	+.57
1919	−.95	−1.65	+.93	−.49	+2.08	−.16	−2.09	−.20	−1.24	+5.29	+3.92	+1.06
1920	+2.18	−1.17	+.13	−2.16	+.11	−1.04	−.36	+2.11	+.37	−1.06	−1.18	−.98
1921	−1.51	−.24	+1.03	+.09	−1.52	−1.26	−1.54	+1.59	+2.44	−.39	+4.57	+.53
1922	−2.32	+.14	+3.39	+.25	−.10	−1.06	+.58	−1.26	−.71	−.42	−1.46	+1.77
1923	+1.54	+1.23	+.55	+.88	−.01	+.43	−.60	+2.34	−.06	−1.02	+.26	+2.73
1924	+.48	−.88	−1.67	−.59	+1.07	+.23	−.56	−.69	+1.56	−2.43	−1.57	+2.10
1925	−1.97	+.47	−1.13	−.84	−1.36	−.26	−.26	−2.22	−.10	+4.39	+1.74	−2.98
1926	−.56	−.30	−1.92	−.83	−1.61	−.71	+.17	+3.82	+.85	+3.26	+.01	+2.14
1927	+1.76	−.79	+1.32	+2.39	+3.47	−.03	−.48	−.81	−.06	−.09	+1.62	−.50
1928	−2.10	−.96	−2.08	+.20	−.42	−3.28	−.12	+.64	−2.12	+1.23	+.54	−1.55
1929	−.03	+.14	−.55	−.43	+3.38	+9.95	−.22	−1.63	+1.76	+.95	+.64	−1.15
1930	+.28	+.05	−2.55	−2.69	−1.01	−2.40	−2.94	−1.44	−.47	−1.37	−1.57	−1.66
1931	−3.34	−.24	−1.06	+.52	−1.38	−1.36	−.34	+1.67	−.19	+.31	+.13	+1.61
1932	+3.56	−.08	+.23	−.12	−2.58	+.72	+.12	+.56	+.73	+.61	−.68	+.45
1933	+.61	+.81	+.80	+.74	+2.46	−2.59	+1.86	−.39	+2.10	−.65	−1.85	+1.12
1934	−2.72	−1.24	+.11	−1.84	−2.30	+.42	+.15	+1.07	+1.89	−1.82	−.54	−1.69
1935	+.71	−1.09	+4.84	+.42	+3.43	+3.34	+.97	+.53	−.18	−.19	+.47	−1.48
1936	−1.58	−1.49	+.13	+.79	−2.47	−3.35	−.41	−1.47	+.64	+.77	+.11	+.64
1937	+11.20	−1.04	−3.29	+.38	+.04	+.36	−1.15	−.06	−1.09	+1.57	−1.76	−.93
1938	−1.01	+1.05	+1.57	−1.15	+1.76	−.23	+3.08	+.76	+.59	−2.22	+.29	−2.02
1939	+.99	+4.59	+1.06	+2.07	−2.60	+1.85	+.64	−.81	−1.67	−.59	−2.23	−1.55
Average 1889–1939	4.57	3.44	4.72	4.00	3.97	4.16	4.19	3.69	2.93	2.70	3.39	3.87

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1889	+2.0	−3.0	−5.9	+0.9	−1.8	−3.3	−2.0	−5.2	+1.5	−6.2	−3.3	+12.5
1890	+8.0	+8.5	−5.2	+.9	−1.5	+4.5	−4.1	−2.6	−3.6	−2.5	+2.2	+.1
1891	+1.0	+5.1	−4.6	+1.9	−2.8	+3.2	−3.1	−2.9	−1.1	−3.4	−2.9	+4.7
1892	−7.0	+5.1	−5.8	−.1	−.8	+1.9	−.6	−.4	−2.1	−.9	−3.6	−3.1
1893	−10.0	+.6	−1.4	+1.9	−2.2	−.6	+1.7	−1.0	−1.0	−1.8	−2.1	+1.3
1894	+2.0	−2.5	+4.4	−.1	−.9	+1.7	−.9	+1.3	+1.1	+.4	−3.1	+1.0
1895	−6.0	−11.2	−1.4	+1.1	−1.5	+2.0	−1.9	−.8	+2.8	−6.0	−.6	+1.1
1896	+.1	+.3	−5.3	+7.5	+6.8	−.4	+.3	+1.3	−2.0	−2.4	+2.9	+1.9
1897	−4.0	+2.7	+3.2	−.6	−4.0	−.5	+.7	−.6	+2.2	+5.0	+1.4	+.3
1898	+4.4	+.3	+4.3	−3.7	+2.2	+2.3	+.7	+.9	+2.8	−1.1	−3.2	−3.6
1899	−1.6	−10.9	−2.5	+1.1	+3.4	+2.2	+.2	+2.3	−1.9	+3.1	+3.4	−2.9
1900	+1.2	−4.6	−3.6	+.1	+.9	0	+.8	+4.6	+4.0	+6.3	+.6	+.9
1901	+.7	−5.2	−1.7	+1.7	+4.8	−.3	−2.5	−.1	−4.6	−5.4		
1902	−2.3	−9.2	+.8	−1.9	+4.6	−.5	+1.0	−.2	−3.3	+1.9	+7.0	−1.0
1903	−1.2	+.4	+6.1	−.7	+2.6	−5.3	+.4	−.3	−1.5	−.5	−3.9	−7.0
1904	−3.7	−1.9	+1.3	−5.3	−.4	−.7	−1.9	−.6	+.5	−1.0	−1.7	−1.3
1905	−8.5	−9.2	+5.8	−.6	−2.6	+.9	−1.2	−.1	−.4	−1.2	0	−.4
1906	+3.7	−2.4	−7.2	+3.4	+4.1	0	−1.9	+1.6	+2.4	−1.3	−.3	+1.3
1907	+7.2	−1.4	+8.5	−7.9	−4.1	−3.7	+1.0	−1.0	−1.5	−2.7	−2.2	+.8
1908	−1.0	+5.4	+3.7	+1.3	−.5	−.2	+.5	+1.0	−1.1	−4.6	−2.2	+2.1
1909	+2.3	+5.3	−1.6	0	−1.5	+.6	−2.3	+1.1	−2.9	−3.0	+8.3	−7.8
1910	−2.2	−4.2	+8.6	−.7	−4.3	−3.9	−1.9	−1.8	+1.2	+3.2	−5.3	−6.6
1911	+3.7	+4.9	−.4	−2.3	+4.0	+1.3	−1.3	+.4	+3.7	+1.7	−4.8	+3.9
1912	−10.1	−7.4	−5.1	+2.3	+1.3	−3.7	−.3	−2.1	+.4	+1.3	−1.2	−.5
1913	+6.5	−2.3	+.1	−.8	+.7	+1.1	+2.8	+2.2	−1.0	−1.3	+4.1	+1.8
1914	+3.4	−4.9	−4.6	−.4	+1.1	+4.4	+1.7	+.2	−2.8	+1.5	+.5	−4.9
1915	−3.0	+4.8	−8.6	+4.0	−.2	−2.2	−1.4	−4.5	+.1	+2.4	+3.4	−.7
1916	+5.2	−2.1	+2.9	−2.1	+1.8	−3.8	+1.5	+1.2	−3.4	−.6	+1.4	−2.2
1917	+.7	−2.3	−.5	−.3	−6.5	−3.0	−1.8	−1.9	−2.9	−7.1	−2.1	−11.2
1918	−15.4	+2.2	+5.2	−2.2	+4.0	−.3	−3.3	+4.4	−7.8	+4.1	−.3	+7.1
1919	+1.9	+1.5	+1.2	−.6	−1.5	+2.8	+2.4	−.8	+.9	+7.4	+1.0	−3.1
1920	−2.6	−1.4	−.1	−5.3	−1.2	−2.0	−1.9	−2.4	+.2	+2.8	−1.7	+.9
1921	+3.7	+4.2	+10.3	+2.1	+.5	+3.9	+4.0	+.2	+4.9	−1.1	+3.4	+4.0
1922	−1.4	+4.2	+3.0	+3.4	+2.5	+1.5	−.7	−.6	+2.1	+2.0	+1.9	+3.8
1923	+5.0	−2.5	−.8	−1.3	−1.5	−.1	−.3	−.4	−3.8	−1.7	−.6	+8.9
1924	−4.7	−1.1	−4.9	+1.3	−5.5	+.3	−3.3	+.7	−5.3	+2.9	+1.3	−1.8
1925	−.2	+6.9	+2.8	+5.1	−4.2	+3.1	−.4	+.7	+6.6	−5.3	−1.5	−2.9
1926	−1.6	+4.0	−6.2	−4.5	+.8	−3.0	+.5	+1.5	+2.9	+1.1	−3.5	+.1
1927	−.2	+8.5	+2.0	+2.6	+.3	−3.5	−1.4	−4.7	+1.6	+2.5	+4.9	−.3
1928	−1.0	+1.0	−.8	−3.2	−2.2	−4.4	−.1	+1.2	−5.1	+3.4	+.4	−1.8
1929	−1.2	−5.9	+5.6	+4.0	−1.3	−2.2	−.4	−1.8	−1.1	−1.8	−1.8	+1.3
1930	−1.4	−8.0	−2.8	+1.1	−2.8	+1.9	+3.4	+.7	+2.0	−2.4	+.7	−2.3
1931	+1.7	+4.5	−5.0	−.2	−2.7	+1.4	+1.9	−.9	+4.5	+3.8	+8.6	+8.4
1932	+8.9	+9.6	−5.2	+.3	−.3	+.9	+1.4	+.7	−1.1	−2.2	−2.6	+.2
1933	+7.9	+.4	−.4	−.4	+3.3	+2.6	−.1	−1.1	+3.7	−.8	−.9	+6.5
1934	+4.4	−5.3	−2.8	+.8	+2.3	+3.5	+4.1	+.8	−1.4	+1.3	+4.1	−.7
1935	+1.3	+3.0	+8.2	−.8	−1.9	−3.4	+1.7	+1.2	−2.3	+1.3	+.9	−7.7
1936	−6.6	−5.0	+4.3	−3.0	+2.9	+2.2	+4.3	+5.3	+3.8	+.3	−3.5	+2.8
1937	+7.6	+1.2	−4.2	−.2	−.2	+.4	−1.5	+2.2	−2.8	−2.5	+3.2	+2.2
1938	−.1	+8.6	+7.3	+3.2	+.3	−2.1	+.1	+2.2	−.3	+1.9	+1.5	+.2
1939	+4.4	+3.2	+3.0	−2.4	+.9	+1.2	−.6	−.5	+3.9	+2.7	−2.8	+1.1
Average 1889–1939	36.0	37.1	46.4	56.1	65.4	73.9	77.1	75.8	70.6	58.2	46.4	46.7

TABLE 15.—*Louisiana: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891	+3.09	+3.46	−0.87	−2.79	−3.29	−0.69	+2.69	−2.20	−1.15	−2.41	+1.51	−0.18
1892	+1.02	−2.11	− .30	+3.51	−1.93	+3.18	+3.36	+ .68	−1.00	− .78	+ .13	+ .43
1893	−2.56	−1.94	− .81	−1.44	+1.58	+1.82	−1.87	− .11	+ .36	−1.45	+2.42	−2.15
1894	− .94	+2.71	+2.35	− .49	−1.88	− .37	− .05	+1.44	− .39	−2.29	−2.26	−2.41
1895	− .38	+ .34	+ .50	−1.93	+ .99	+3.16	+ .46	+ .20	−2.00	− .48	− .27	− .81
1896	−1.73	+1.54	− .15	−1.03	−2.40	+1.16	−3.78	−1.98	− .55	+2.04	+1.40	−3.20
1897	+ .80	− .29	+ .76	+ .19	−2.26	− .77	−2.31	+ .76	−1.68	+ .27	− .76	+2.00
1898	+1.38	+ .92	−1.79	−1.58	−3.45	+3.07	− .30	+1.18	+6.46	+1.44	+3.14	−2.25
1899	+1.49	−1.12	−1.65	−1.54	−3.62	+1.19	−2.60	− .53	−2.06	+1.42	−1.54	+ .17
1900	− .17	+1.94	+1.02	+5.20	− .08	+3.83	+ .97	− .49	−1.05	+ .46	− .90	+ .30
1901	−1.19	+ .85	−1.16	+ .77	−2.52	−1.58	+ .94	+ .38	+ .06	−1.01	−1.47	+ .37
1902	−3.10	+5.01	+ .36	−1.00	−1.06	−2.73	−1.58	−1.61	+2.39	− .13	+1.07	− .15
1903	+ .43	+4.28	+3.72	−3.51	−1.98	− .39	− .02	− .37	−2.13	−1.67	−3.46	−1.37
1904	−2.02	−2.27	− .68	−1.57	−1.40	− .68	+1.03	+ .11	− .26	−2.68	−1.85	+ .45
1905	+ .84	+3.10	+1.71	+4.33	+ .88	+2.65	+2.38	− .16	+1.65	+1.06	+1.06	+ .65
1906	−1.89	−1.56	+2.14	−1.71	−2.50	−1.17	+1.83	−2.16	+1.25	+ .90	− .92	−1.19
1907	−3.11	− .80	−2.55	+1.64	+10.59	−2.83	−2.07	− .42	− .14	+ .97	+2.02	− .54
1908	−1.14	+1.32	−1.50	− .45	+ 2.68	− .47	+4.47	+1.53	+3.05	−2.81	−1.49	−2.07
1909	−2.98	+ .48	−1.13	+ .56	+ 1.25	+1.94	−2.24	+1.04	+1.12	−1.24	−2.18	+1.21
1910	−1.66	+ .07	−3.48	−2.57	+ 1.08	+2.69	+1.71	− .66	− .56	− .16	−1.29	− .94
1911	−1.96	−2.89	−1.96	+2.96	+ 1.78	+ .06	+3.23	+2.93	− .71	− .01	+ .23	+6.16
1912	− .25	− .90	+2.65	+2.30	+ 2.38	+1.10	+ .49	− .81	−1.07	−1.54	−2.61	+6.68
1913	+ .94	− .16	+ .08	+1.05	+ .35	− .85	+1.05	− .61	+9.54	+2.06	−1.20	−2.10
1914	−3.92	+ .62	+1.96	+1.48	− 2.01	−2.06	+ .93	+2.40	−1.00	−1.62	+1.43	− .14
1915	+1.94	+1.47	−1.85	−3.17	+ .48	−1.46	− .39	+1.70	− .48	+1.61	−1.18	−1.04
1916	+1.89	−2.96	−3.31	−1.09	+ 3.57	− .68	+1.86	− .59	−1.06	+ .47	−2.72	− .18
1917	+ .88	+ .09	−1.07	− .24	− 3.06	−3.28	− .08	+ .63	− .88	+2.12	−2.67	+2.81
1918	− .56	−2.26	−2.58	+2.45	− 2.55	− .87	−2.98	+1.60	−1.11	+5.88	+1.64	+ .64
1919	+1.39	+1.17	− .08	+ .94	+ 3.62	+2.04	− .04	+ .03	−1.31	+5.19	+3.11	−2.25
1920	+1.79	−1.13	−1.45	+ .05	− .16	+ .64	+2.04	+1.53	+ .28	− .19	+ .11	+3.73
1921	−1.85	−2.50	+1.08	+2.15	− 1.86	+ .85	+ .46	−1.77	− .71	−1.51	−1.60	− .62
1922	+1.02	+ .83	+5.03	− .28	+ 2.21	+1.04	− .29	+ .18	− .85	− .59	+ .46	+1.39
1923	− .73	+1.09	+1.70	+ .62	+ 3.40	+1.98	+ .84	+ .51	+1.39	+ .25	+2.56	+2.19
1924	+1.45	− .18	− .21	− .37	− 1.56	−4.01	− .64	−2.78	−2.22	−3.18	+ .19	− .19
1925	+2.56	−2.16	−2.54	−3.62	+ 2.00	− .38	− .70	−1.83	+1.84	+5.60	+1.68	−1.74
1926	+1.69	−1.87	+6.74	+1.91	+ .79	−1.11	−1.47	+3.01	− .77	+1.15	− .06	+ .55
1927	−2.72	+1.80	+2.72	+2.23	+ .82	+1.30	−1.18	− .55	−1.15	− .52	− .20	+1.59
1928	−3.91	+ .36	− .28	+2.20	− .57	+5.26	+ .13	− .95	+ .21	− .53	− .62	− .72
1929	+1.59	+1.92	+1.39	−1.40	+ 1.48	−1.16	− .27	−1.78	+ .43	+ .77	+6.28	−1.02
1930	+2.89	− .96	−1.04	−3.24	+ 1.26	−3.95	−2.35	− .45	+3.26	+1.32	+2.29	−1.39
1931	+ .89	− .81	− .52	−2.37	− 1.36	−2.56	+ .08	− .17	−1.97	+ .01	+1.02	+5.24
1932	+5.13	+ .34	−1.35	−1.17	+ 1.13	−1.65	−1.55	+ .15	+ .53	+1.93	+ .52	+3.35
1933	−1.51	+1.78	+1.16	+2.38	+ .05	−2.63	+5.41	− .91	−2.11	−1.88	−1.89	− .31
1934	+1.92	+ .18	+1.50	−1.43	+ .78	+ .23	−1.14	+ .36	− .28	−1.11	+4.18	−1.38
1935	−1.45	− .10	+1.76	+1.35	+ 3.21	+ .13	− .90	− .65	+ .07	−1.97	− .40	+ .43
1936	+ .23	− .39	−2.60	− .30	+ .53	−4.04	+ .28	− .66	−1.12	−1.08	− .08	− .37
1937	+3.78	−1.78	+ .36	−1.18	− 1.42	+ .82	−1.48	+ .45	− .29	+6.19	−1.05	− .95
1938	− .04	−1.34	− .86	+2.43	− 2.09	+ .02	+ .03	+1.13	−1.00	−1.98	+ .21	−1.76
1939	+ .68	+1.15	−1.78	−2.22	+ 2.12	− .15	− .17	− .22	− .62½	−1.15	− .41	−1.14
Average 1891–1939	4.94	4.54	4.67	4.62	4.60	4.57	6.14	5.08	3.85	3.30	3.82	5.29

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891	−2.6	+ 5.7	− 2.9	−0.8	−2.0	+0.7	−1.5	−2.5	−1.6	−4.4	−1.7	+1.1
1892	−7.7	+ 4.2	− 5.6	+1.4	− .2	−1.4	−1.8	−1.4	−3.7	+ .2	+ .3	− .3
1893	−3.2	+ 3.5	− 2.0	+4.1	+ .3	− .5	+ .5	−1.9	−1.0	−3.4	−1.7	+2.9
1894	+2.8	− 2.6	+ .9	+2.9	+ .4	−3.0	−3.2	−2.7	− .6	− .8	−1.4	+1.9
1895	−2.2	−11.5	− .2	− .6	−1.1	− .5	− .2	− .4	+2.0	−4.1	−1.4	−1.1
1896	−2.5	− .9	− 2.4	+3.2	+4.0	0	+1.3	+1.3	− .7	−1.1	+3.0	− .7
1897	−4.4	+ 1.2	+ 5.5	− .4	−1.7	+ .8	+1.2	− .7	− .8	+2.6	+1.7	− .1
1898	+3.6	+ .8	+ 1.7	−4.1	+1.0	0	−1.0	− .9	+ .1	−3.1	−4.8	−4.8
1899	−2.0	− 9.6	+ .6	−2.1	+4.0	− .3	+ .8	+1.4	−4.0	+1.6	+1.2	−1.3
1900	−1.9	− 3.8	− 1.2	0	+ .2	− .8	−1.3	− .5	+3.3	+2.9	+1.5	− .2
1901	+1.1	− 3.8	− 2.3	−3.9	−1.4	+1.1	+1.1	0	− 2.1	−1.3	−2.5	−3.6
1902	+3.5	− 6.3	0	+ .4	+3.2	+1.5	+ .3	+2.2	−1.6	−1.1	+4.7	−1.2
1903	−3.1	− 1.7	+ 1.2	−1.3	−1.9	−4.6	−1.1	− .2	−2.8	−2.3	−2.4	−4.2
1904	−3.9	+ 3.2	+ 3.5	−1.9	−1.7	− .1	−2.0	−1.7	+1.5	+1.3	−1.8	−1.3
1905	−6.4	−10.5	+ 2.5	+ .5	+3.7	+1.0	−1.7	+ .7	+1.1	− .3	+2.8	−5.8
1906	− .9	− 3.9	− 3.9	+1.0	+ .2	+1.7	− .6	+ .2	+1.9	−4.3	+3.0	+4.2
1907	+8.8	+ 1.8	+ 8.8	−2.8	−2.8	− .9	+ .8	+ .9	+ .3	− .1	−3.2	0
1908	−1.4	− 1.2	+ 6.1	+4.7	+ .5	+ .5	−1.1	− .6	−1.2	−4.8	+1.7	+3.0
1909	+2.8	+ .5	+ .5	− .4	−1.4	+ .1	+1.4	+ .9	− .5	+ .1	+5.2	−6.2
1910	− .1	− 4.0	+ 3.7	−1.1	−1.1	−2.0	− .7	+ .9	+1.2	+ .7	+ .9	− .4
1911	+6.9	+ 7.2	+ 3.9	+2.5	+ .7	+2.6	−1.9	+ .4	+4.2	+1.6	−3.1	+1.4
1912	−5.3	− 5.8	+ 3.8	+1.4	+ .5	−2.8	+ .1	− .6	+1.2	+1.0	−3.2	−1.2
1913	+3.8	− 2.7	− 2.2	−2.0	−1.1	−1.7	− .3	− .2	−2.5	−3.0	+4.9	−1.0
1914	+2.0	− 3.7	− 4.9	− .2	+ .1	+3.3	+1.1	−1.1	− .7	− .1	− .6	−5.6
1915	−3.8	− .7	−10.3	+ .1	+1.5	+1.8	+ .4	−1.1	+1.0	+1.8	+3.8	+ .4
1916	+5.3	− .5	+ .6	−1.9	+1.7	+ .4	+ .1	+ .1	−1.5	− .6	− .7	+1.0
1917	+2.9	+ 1.1	− 1.5	−4.1	− .6	− .8	− 2.5	−5.6	−4.3			
1918	−8.6	+ 5.0	+ 5.4	− .7	+1.1	+2.6	+ .5	0	− 4.3	+3.2	−1.8	+2.7
1919	−3.2	0	+ .7	− .8	−1.9	−1.8	− .2	+ .9	0	+7.5	+3.8	+1.4
1920	+ .9	+ .3	− 2.6	− .3	+2.8	− 1.4	− .5	−1.4	+1.9	0	−4.5	−1.4
1921	+4.8	+ 2.9	+ 7.9	−1.4	− .6	+ .2	+ .5	+1.5	+3.5	−1.1	+5.1	+5.2
1922	− .9	+ 5.0	− .8	+3.5	+1.3	+ .3	− .5	− .6	+ .4	− .3	+4.1	+7.3
1923	+6.1	0	− 2.1	+ .9	−1.2	− .7	−1.7	− .3	− .2	−1.7	−2.7	+6.2
1924	−5.2	− 1.4	+ 4.7	+ .2	−2.8	+2.0	+ .3	+2.4	−1.1	+ .4	+2.7	− .1
1925	−1.0	+ 4.5	+ 1.7	+3.8	−1.3	+1.4	+1.1	+ .1	+3.9	+ .6	− .9	−3.4
1926	−2.6	+ 2.1	− 4.8	−2.8	−1.4	− .2	− .5	+ .5	+2.9	−3.3	−4.0	+4.3
1927	+4.0	+ 8.3	+ .4	+4.1	+2.4	0	+ .3	− .8	+ .7	+2.0	+6.5	−1.3
1928	−1.3	− 1.0	+ 1.7	−4.0	−1.0	−1.2	+ .1	+1.4	−2.1	+3.4	− .8	−1.2
1929	+1.4	− 4.2	+ 2.7	+3.9	+ .3	− .4	− .4	+ .2	− .4	− .1	−4.0	−1.7
1930	−2.7	+ 5.1	− 4.0	+2.2	+ .8	−1.1	+1.5	− .1	+ .1	−1.2	− .3	−3.7
1931	−2.2	+ 1.9	− 6.4	−3.3	−3.8	− .4	+1.0	−2.5	+2.6	+4.0	+6.1	+5.5
1932	+5.0	+ 8.7	− 4.4	+ .9	−1.0	+1.4	+2.4	+ .9	− .3	−2.2	−5.2	− .6
1933	+5.3	+ .7	+ 1.0	+ .2	+4.2	−1.2	− .3	0	+3.7	+1.9	+2.1	+9.2
1934	+2.1	− 1.1	− 1.9	+1.1	− .3	+1.7	+ .9	+1.4	−1.2	+4.0	+3.1	+ .4
1935	+2.3	+ 1.2	+ 5.4	+ .9	+ .8	− .5	+ .8	+1.4	−1.1	+3.0	0	−4.3
1936	−2.3	− 3.7	+ 2.6	−1.8	+ .3	+1.8	+ .2	+1.2	+2.9	− .2	−2.5	+1.0
1937	+7.2	− .1	− 4.9	− .5	+1.0	+ .8	+ .1	+ .4	− .8	−1.3	−3.5	− .1
1938	+ .8	+ 5.2	+ 6.7	− .8	+ .7	− .3	0	+ .6	− .8	+1.4	− .9	− .1
1939	+3.5	+ 2.5	+ 2.0	−1.0	− .4	+ .6	+ .8	+ .1	+1.9	+1.3	−2.2	+3.0
Average 1891–1939	51.9	53.9	60.7	67.0	73.7	80.1	81.9	81.9	78.0	68.4	58.8	52.4

TABLE 16.—*Maryland: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1895	+1.06	−1.66	−0.60	+1.64	−0.21	+0.12	−0.88	−2.59	−1.30	−1.06	−0.84	−0.56
1896	−1.47	+2.42	+ .72	−2.11	− .35	− .15	+1.11	−2.72	+1.01	−1.55	+ .59	−2.36
1897	−1.35	+2.55	− .61	− .56	+1.68	−1.21	+2.54	− .96	−1.71	− .05	+2.28	+ .40
1898	+ .31	−1.34	+ .26	− .86	+1.02	−2.45	− .75	+1.93	−1.58	+1.88	+1.34	+ .47
1899	+ .01	2.38	+1.25	−1.93	+ .24	−1.09	− .83	− .40	+1.47	− .39	− .46	−1.28
1900	− .95	1.82	− .31	−1.60	−1.08	+ .67	−1.03	−1.45	− .09	− .96	+ .52	− .75
1901	− .61	−2.22	− .04	+2.21	+1.07	− .88	+1.13	+1.23	− .30	−1.85	+ .24	+3.66
1902	+ .23	1.59	+ .38	− .15	−1.38	+ .76	− .52	−2.38	+2.81	+2.73	+ .64	+2.85
1903	+ .73	1.95	+1.58	+ .53	− .84	+1.68	+1.35	+ .76	−1.41	+1.07	−1.31	− .89
1904	− .70	−1.19	− .55	−1.06	− .87	+ .57	+ .91	−1.53	+ .28	− .39	− .86	+ .20
1905	+ .37	− .27	− .38	− .71	− .51	+ .47	+3.35	+ .70	− .70	− .19	−1.18	+1.17
1906	− .44	− .50	+1.29	− .30	− .84	+1.93	+ .80	+3.83	−2.13	+2.18	−1.05	+ .98
1907	− .11	− .54	− .24	− .20	+1.06	+1.72	− .30	− .09	+2.83	− .65	+2.79	+1.00
1908	− .05	+1.24	− .38	−1.23	+2.70	−1.89	+ .52	+ .49	− .99	− .65	−1.53	+ .04
1909	− .55	+ .63	+ .15	− .02	+ .08	+1.03	−2.71	−1.38	− .03	−1.20	−1.32	+ .50
1910	+1.09	− .51	−2.43	+2.05	− .49	+1.71	−1.85	−1.70	−1.48	+ .22	− .43	− .81
1911	+ .67	−1.00	− .98	− .33	−2.37	+ .11	−1.61	+5.46	− .58	+ .48	+1.51	+ .52
1912	− .70	− .43	+3.15	− .81	+ .64	+ .04	+1.12	−1.56	+2.55	−1.45	− .44	+ .74
1913	− .12	−1.46	+1.02	+ .88	+ .83	−1.78	−1.42	+ .59	− .73	+1.56	− .29	− .70
1914	+ .66	− .11	−1.14	+ .36	−1.42	− .10	−1.54	+ .35	−2.18	−1.26	− .44	+1.24
1915	+2.61	+1.46	−2.40	−1.97	+ .34	+1.00	− .97	+3.73	−1.12	+ .86	−1.02	+ .02
1916	−1.52	+ .35	+ .34	− .43	+ .13	+2.20	+1.18	−2.07	− .01	−1.04	− .30	+ .49
1917	− .22	− .74	+1.80	−1.12	− .46	+ .04	+2.13	−1.34	− .76	+2.67	−1.88	−1.52
1918	+ .95	−1.36	+ .07	+2.37	+ .31	−1.72	−1.12	−1.30	+ .35	−1.56	−1.01	+1.17
1919	+ .13	− .56	+ .33	− .19	+1.85	− .76	+3.10	+ .88	−1.04	+ .32	+ .81	− .23
1920	− .89	+1.05	− .54	+1.24	−1.54	+1.31	+ .37	+2.37	− .27	−2.15	+1.34	+ .28
1921	−1.02	− .06	−1.16	− .40	+1.99	−1.56	− .04	− .79	+ .10	− .96	−1.86	− .59
1922	+ .67	+ .22	+1.16	−1.69	− .27	+1.09	+1.55	−1.30	− .77	−1.06	+1.83	+ .65
1923	+ .83	− .13	+ .69	+ .62	−1.52	− .97	+ .20	−1.37	+ .07	− .60	+ .12	+ .42
1924	+ .78	+ .52	+1.44	+1.41	+3.12	+1.17	−1.92	− .49	+2.68	−2.59	− .69	− .82
1925	+1.30	−1.38	−1.29	−1.04	−1.50	−1.66	+ .76	−2.11	−1.60	+2.50	+ .63	−1.30
1926	− .17	+1.07	−1.33	−1.81	−1.50	−1.36	+ .93	+2.05	+1.77	+ .41	+1.97	+ .03
1927	−1.69	+ .94	−1.82	+1.38	− .48	− .48	− .64	− .52	−2.02	+3.01	+ .30	+ .57
1928	− .81	− .14	− .57	+2.32	−1.06	+1.76	− .06	+4.60	+1.07	−1.97	− .59	−1.61
1929	− .61	+ .65	− .40	+2.91	− .27	+ .97	−2.52	−1.80	+ .20	+2.59	+ .14	− .73
1930	− .62	− .86	−1.38	− .99	−1.37	− .67	−2.87	−3.43	−2.07	−2.25	−1.29	− .46
1931	−1.65	−1.23	+ .74	− .48	+1.06	− .65	+ .42	+2.95	− .77	−1.30	−1.53	− .67
1932	+1.69	− .61	+2.16	−1.35	+1.82	− .22	−1.18	−1.94	−1.18	+3.36	+2.74	+ .09
1933	− .18	+ .01	+ .86	+1.91	+1.97	−1.30	+1.06	+5.51	− .18	− .96	−1.10	− .22
1934	− .77	− .12	+ .81	− .93	+1.16	− .74	−1.31	+ .45	+5.98	−1.74	+1.08	− .37
1935	+1.38	− .29	− .55	+ .23	+ .16	+ .46	− .05	−1.27	+4.22	− .24	+1.84	− .65
1936	+2.58	+ .81	+2.33	− .71	−1.31	− .94	− .08	− .38	−1.24	+ .25	−1.46	+2.41
1937	+4.14	+ .33	−1.58	+2.99	− .06	+ .88	− .32	+2.38	−1.63	+4.30	+ .95	−1.85
1938	−1.03	− .40	− .80	−1.77	+ .86	− .08	+2.72	−1.88	+2.42	−1.24	+ .29	− .30
1939	+ .36	+2.23	+ .20	+1.50	−2.34	+1.16	− .69	− .29	− .13	+1.84	−1.15	−1.14
Average 1895–1939	3.29	2.92	3.54	3.53	3.48	4.03	4.28	4.49	3.38	2.99	2.48	3.14

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1895	− 4.1	−8.9	−2.5	+0.3	−0.9	+2.5	−4.2	+1.8	+2.8	−5.4	+0.6	+2.0
1896	− 1.6	+1.1	− 5.9	+3.8	+4.9	− .3	+ .5	+ .8	−1.3	−3.7	+4.1	− .9
1897	− 4.5	+1.2	+ 2.1	0	−1.5	−2.0	+ .4	−1.8	− .9	+ .5	0	+1.8
1898	− 8.3	0	+ 5.2	−1.8	+ .4	+1.4	+2.2	+1.9	+1.7	+ .7	−2.2	−1.0
1899	− 1.7	−7.3	− 1.4	+1.0	+1.0	+2.8	+ .4	+ .7	−2.3	+1.0	− .1	+ .2
1900		−1.7	− 5.0	+ .2	+ .5	+ .9	+2.0	+5.4	+4.4	+4.5	+2.5	− .6
1901	− 1.1	−6.1	+ .3	−3.0	−1.3	+ .4	+3.5	+1.5	−1.2	−1.3	−5.9	−2.5
1902	− 3.8	−6.1	+ 2.4	− .4	+1.3	− .6	+ .5	−1.8	−1.6	+1.1	+5.8	−1.9
1903	− 2.2	+2.2	+ 6.9	+ .3	+1.4	−4.3	− .1	−2.4	−1.6	+ .4	−4.1	−4.9
1904	− 7.9	−6.4	− 1.1	−3.0	+1.6	− .4	−1.8	−1.6	− .5	−2.5	−3.1	−5.4
1905	− 5.0	−8.1	+ 3.1	+ .7	+2.1	+ .6	0	− .5	− .6	+ .4	−1.8	+1.4
1906	+ 5.1	− .3	− 5.6	+2.0	+ .7	+1.3	−1.3	+2.2	+3.0	− .8	+ .2	+ .5
1907	+ 2.0	−5.5	+ 3.8	−5.1	−4.5	−5.8	− .6	−2.1	+ .6	−5.0	−2.2	+1.9
1908	− 1.0	−4.1	+ 3.4	+2.4	+ .8	− .2	+1.3	−1.7	−1.7	+1.2	− .5	+ .9
1909	+ 1.3	+8.2	− 2.1	+ .5	− .4	+1.2	−2.1	−1.7	−2.2	−4.6	+4.1	−4.5
1910	+ 1.7	− .5	+ 6.7	+3.8	−2.6	−2.9	+ .7	−1.1	+1.8	+2.7	−4.1	−6.8
1911	+ 3.1	+1.9	− 2.5	−3.2	+5.0	+ .9	+1.7	+1.3	+1.6	+ .1	−2.7	+4.8
1912	− 9.9	−4.1	− 2.8	+2.6	+1.5	−1.4	−1.0	−1.9	+1.5	+1.8	+1.1	+3.2
1913	+ 7.9	+ .7	+ 4.9	+1.8	0	+ .5	+ .4	− .4	−1.1	+1.8	+2.0	+3.8
1914	+ 2.3	−5.1	+ 4.5	+ .6	+2.5	+1.7	− .9	+1.0	−3.0	+3.0	− .8	−3.4
1915	+ .1	+3.7	− 5.7	+4.8	−1.9	−2.2	−1.0	−1.0	+1.6	+1.6	− .2	−2.2
1916	+ 4.3	−1.5	− 6.4	− .7	+2.0	−3.6	+ .7	+ .7	−2.5	− .7	− .1	−1.6
1917	− .3	−1.8	− 1.2	+ .3	−5.3	− .5	−.4	− .1	−5.1	−5.4	−3.8	−8.6
1918	−12.4	+ .2	+ 3.3	−1.1	+5.1	−1.9	−2.8	+2.6	−4.4	+3.5	− .1	+5.3
1919	+ 2.4	+2.1	+ 3.5	− .4	+ .2	+1.6	+ .3	−1.5	+ .5	+6.2	+ .5	−5.5
1920	− 5.8	−2.0	+ .9	−1.3	−4.1	− .6	−2.4	0	+ .1	+4.1	− .6	+2.2
1921	+ 1.9	+4.3	+11.3	+5.9	−1.3	+1.7	+2.4	−2.2	+4.9	− .4	+1.7	+1.1
1922	− 3.5	+3.8	+ 1.9	+1.9	+2.1	+2.2	− .5	−1.8	+1.0	+2.2	+1.2	+1.2
1923	+ 1.1	−2.7	+ 1.0	− .6	−1.5	+2.9	−1.3	− .7	+ .6	−1.3	−1.1	+8.7
1924	− .2	−1.1	− 1.6	−2.1	−3.9	−1.3	−2.3	− .1	−4.7	− .2	− .6	0
1925	− 2.7	+7.4	+ 2.5	+3.1	−3.8	+4.8	− .6	−1.8	+3.8	−5.2	−2.1	+ .2
1926	− 1.4	+ .8	− 4.3	−2.2	− .6	−3.2	− .4	+1.4	+ .2	− .3	−2.0	−3.0
1927	− 1.1	+6.5	+ 3.1	−2.2	− .9	−3.9	−1.2	−5.0	+ .2	+2.5	+4.7	+2.0
1928	+ .6	+2.0	− .6	−2.2	−2.1	−1.7	+ .3	+2.1	−4.5	+1.6	+2.0	+1.8
1929	− 1.0	− .7	+ 5.7	+3.3	− .6	− .4	−1.0	+2.1	+ .6	−2.7	+ .8	+1.8
1930	+ .2	+5.8	− .1	−1.5	+2.2	+1.4	+1.7	+ .3	−5.3	−2.2	− .4	−1.9
1931	+ .8	+3.1	− 3.2	− .8	− .4	+ .1	+2.3	+ .2	+4.4	+3.0	+6.6	+7.6
1932	+10.8	+7.1	− 4.1	−1.8	− .7	0	− .6	+1.2	+ .3	+ .4	−1.8	+2.5
1933	+ 7.2	+2.5	− 2.2	+ .7	+2.2	+1.8	−1.2	+ .4	+2.4	−1.4	−2.5	+1.3
1934	+ 3.5	−10.9	− 3.6	− .2	+1.3	+4.0	+3.2	−1.4	+ .9	−1.5	+2.8	0
1935	− 2.4	− .4	+ 5.3	−2.2	−3.2	− .2	+1.7	+ .7	−2.6	− .1	+3.4	−5.1
1936	− 5.8	− 6.8	+ 4.7	−2.5	+2.3	+ .2	+ .6	+2.4	+1.7	+1.5	−2.0	+2.4
1937	+ 8.0	+ 1.2	− 2.9	−1.0	+ .5	+1.7	− .4	+2.1	−3.5	−2.7	− .8	− .5
1938	− .1	+ 5.4	+ 4.6	+2.7	−1.3	− .5	+ .6	+2.8	−2.0	+ .4	+2.7	+1.0
1939	+ 1.4	+ 6.0	+ 1.6	− .9	+2.4	+2.2	−1.4	+2.7	+1.1	+ .7	−1.6	+2.7
Average 1895–1939	33.6	33.4	42.3	52.1	62.6	70.6	75.2	73.4	67.6	56.1	45.0	35.0

TABLE 17.—*Michigan: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1887				−1.01	−0.79	−0.41	−0.67	−0.77	−0.02	+0.48	−0.16	(1)
1888	+0.38	+0.24	+0.61	− .47	+ .32	− .35	− .82	− .24	− .64	− .39	+ .33	−0.26
1889	+ .20	+ .05	−1.24	− .91	+ .89	+1.17	− .09	−1.71	−1.16	−1.73	+ .53	+ .89
1890	+1.41	+ .42	− .12	+ .70	+1.41	+ .46	−1.03	+ .58	−1.03	+2.15	− .21	− .64
1891	− .10	+1.53	+ .50	− .44	−1.84	− .43	− .30	+1.29	−1.36	−1.00	+2.58	+ .09
1892	+ .17	+ .46	− .67	− .26	+2.48	+2.51	− .11	− .08	+ .10	−1.31	+ .50	− .23
1893	+ .66	+1.01	+ .28	+2.04	− .40	+ .18	0	−1.53	− .80	+ .99	+ .40	+1.59
1894	− .01	+ .17	+ .05	− .11	+2.60	− .26	−1.34	−2.23	+ .28	+ .18	− .75	− .72
1895	+1.06	− .74	−1.18	− .87	− .30	−1.71	−1.46	+ .39	− .32	−1.72	+ .78	+2.84
1896	− .49	− .33	− .78	+ .60	+ .03	− .16	+ .73	+1.36	+1.96	−1.18	+ .87	−1.10
1897	+2.09	− .38	+ .88	+ .48	+ .09	− .67	+ .49	− .68	−1.84	− .34	+ .62	+ .36
1898	+1.02	+ .72	+1.09	− .73	− .66	+ .53	−1.17	+ .16	− .38	+1.70	+ .06	− .18
1899	− .10	− .20	+1.18	−1.11	+ .53	− .09	+ .24	−1.47	− .08	+ .27	−1.30	+ .35
1900	− .58	+1.54	− .31	− .68	− .51	− .40	+2.07	+1.09	+ .09	+ .03	+1.13	−1.29
1901	− .12	− .25	+ .54	−1.05	− .72	− .57	+1.46	− .20	−1.01	+ .56	−1.14	+ .43
1902	−1.11	− .58	+ .43	− .72	+ .06	+2.04	+2.50	−1.19	+ .82	− .22	+ .14	+ .23
1903	− .12	+ .61	− .25	+ .67	− .42	− .43	+1.23	+2.00	+ .28	− .51	− .61	+ .14
1904	+ .17	+ .39	+ .99	− .29	+ .68	−1.20	+ .23	+ .09	+ .54	+ .26	−2.05	− .21
1905	− .11	− .23	+ .21	− .40	+1.34	+1.38	+1.57	− .04	+ .01	+ .24	− .31	− .47
1906	+ .93	− .14	− .11	− .63	− .30	+ .49	− .17	+ .21	− .90	+ .68	+ .70	+ .52
1907	+1.53	− .98	+ .49	+ .33	− .65	− .59	+ .04	− .57	+1.51	− .99	− .35	+ .77
1908	− .26	+1.80	+ .52	+ .14	+1.70	−1.01	0	+ .29	−1.72	−1.76	− .20	− .01
1909	+ .08	+1.09	− .36	+2.56	− .74	+ .07	+ .35	− .55	−1.10	−1.08	+ .97	+1.01
1910	+ .01	− .06	−1.83	+ .56	− .02	−1.86	− .53	+ .36	− .30	− .10	− .37	− .30
1911	− .28	+ .31	− .83	− .32	+ .52	+ .03	+ .09	− .03	+ .67	+1.84	+1.12	+ .06
1912	− .32	− .25	−1.05	− .21	+2.11	−1.68	+1.20	+1.42	+ .28	− .13	+ .17	− .43
1913	+ .36	− .23	+1.29	+ .17	− .39	− .87	+ .50	− .30	− .76	+ .65	− .48	−1.37
1914	+ .66	− .54	− .58	+ .53	+ .18	+ .82	− .10	+1.19	− .84	− .53	− .66	− .21
1915	+ .41	+1.37	−1.34	+ .70	− .91	+1.07	+1.87	−1.00	+ .18	− .40		
1916	+1.30	− .59	+ .79	− .01	+1.05	+1.73	−1.58	− .22	+ .51	+1.91	− .26	+ .21
1917	− .72	−1.00	− .08	+ .32	− .40	+1.82	− .12	− .34	−1.23	+1.11	−1.63	− .65
1918	− .34	+ .31	− .54	− .42	+ .96	−1.04	−1.01	− .27	− .29	+ .58	+ .44	+ .79
1919	−1.02	+ .07	+ .56	+ .98	+ .12	− .83	− .35	− .39	+ .02	+1.56	+ .40	−1.02
1920	− .50	− .88	+ .59	+ .57	−1.79	+ .77	+ .47	+ .04	− .57	− .88	− .11	+1.26
1921	−1.04	− .64	+1.57	+1.10	−1.27	− .87	− .14	+1.38	+ .67	+ .24	− .03	+ .75
1922	− .58	+1.11	+ .58	+ .98	− .23	+ .37	+1.08	− .58	+ .50	− .53	− .16	− .57
1923	− .07	+ .37	+ .87	− .50	− .21	− .49	+ .46	− .11	+ .10	+ .09	−1.29	+ .19
1924	+ .37	+ .15	− .37	− .25	+ .45	+ .14	+ .74	+ .84	− .34	−2.19	− .27	+ .39
1925	− .96	− .07	− .48	− .51	−2.17	− .67	+ .53	− .45	+ .55	+ .46	− .43	− .42
1926	− .41	+ .51	+ .39	− .49	− .77	+ .53	− .54	+ .71	+1.78	+ .43	+1.24	− .45
1927	− .61	− .41	− .11	+ .04	+1.02	−1.09	+ .35	−1.96	+1.69	− .09	+1.80	+ .76
1928	− .06	− .06	− .16	+ .60	− .83	+1.45	− .07	+ .78	+ .11	+1.16	+ .74	− .46
1929	+1.16	− .70	− .04	+2.95	+ .50	+ .02	− .44	−1.44	−1.38	+ .99	− .76	+ .25
1930	+ .25	+ .12	− .43	− .62	− .21	+ .28	−1.34	−1.97	− .84	− .76	− .94	−1.05
1931	− .63	− .85	− .06	− .90	+ .02	+ .32	− .97	− .86	+1.90	+ .39	+1.35	− .04
1932	+1.14	+ .07	− .48	− .88	+ .81	− .70	+1.20	+ .88	− .82	+2.02	− .81	+ .57
1933	− .60	+ .24	− .28	+ .92	+ .86	− .77	− .76	− .98	+ .42	+1.63	− .39	− .12
1934	− .66	−1.03	− .28	− .41	−1.95	− .91	−1.28	− .25	+2.00	− .71	+1.38	− .46
1935	+ .11	− .19	− .18	−1.06	− .49	+ .95	− .17	+ .86	− .66	− .99	+ .96	− .67
1936	− .02	+ .12	−1.02	− .35	−1.08	−1.08	−1.64	+ .73	+1.87	+ .35	−1.07	+ .18
1937	+ .43	+ .07	−1.45	+1.34	− .82	+ .27	+ .79	+ .27	+ .60	+ .01	− .09	− .37
1938	+ .65	+1.56	+ .65	− .77	+ .48	+ .03	− .08	+1.57	− .41	−1.51	− .86	+ .12
1939	+ .34	+1.04	− .36	+ .35	− .81	+1.84	−1.09	+1.76	− .51	− .11	−1.68	− .60
Average 1887–1939	1.89	1.64	2.11	2.39	3.19	3.08	2.74	2.72	3.14	2.68	2.50	2.05

[1] No official data.

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1887			− 1.9	+ 0.1	+ 7.1	+ 3.2	+ 4.8	− 0.5	− 2.3	− 4.6	− 1.4	(1)
1888	− 5.9	+ 0.3	− 5.2	−1.1	− 2.0	+ 3.1	+ .6	− .4	− 3.8	− 3.9	+ 1.4	+ 4.3
1889	+ 5.6	− 4.0	+ 3.7	+ .8	− .3	− 3.4	− .7	− .3	− .6	− 6.0	+ .1	+ 9.4
1890	+ 7.9	+ 8.9	− 3.3	+ 1.2	− 3.1	+ 4.9	+ .5	− 2.9	− 3.1	− .4	+ 1.7	− .1
1891	+ 4.7	+ 6.1	− 1.7	+ 2.9	− 1.2	+ 1.9	− 5.2	− .4	+ 3.6	− .8	− 3.2	+ 7.5
1892	− 3.0	+ 5.6	− 1.6	− 1.2	− 1.2	+ 1.6	+ .2	+ .8	0	0	− 3.2	− 2.2
1893	− 7.9	− 2.4	− .4	− 1.5	− 2.1	+ 1.3	+ .7	− .4	− 1.6	+ 1.1	− .9	− 3.3
1894	+ 4.6	+ .4	+ 8.1	+ 3.1	+ 1.0	+ 3.9	+ 1.6	− .6	+ 2.2	+ .6	− 4.3	+ 4.4
1895	− 3.6	− 4.7	− 4.6	+ 3.3	+ 3.2	+ 4.2	− 1.4	+ .8	+ 3.7	− 5.5	− 1.7	+ 1.8
1896	+ 2.3	+ 2.7	− 3.8	+ 6.0	+ 7.9	+ 1.5	− .1	+ 1.2	− 4.1	− 3.8	− .7	+ 1.2
1897	− .7	+ 2.5	− .1	− 1.6	− 2.4	− 2.8	+ 2.9	− 2.3	+ 2.8	+ 3.5	− 2.4	− 1.4
1898	+ 3.1	+ 2.3	+ 5.9	− .4	+ .8	+ 1.4	+ .7	− .4	+ 2.5	+ .4	− 1.7	− 2.6
1899	− 1.7	− 6.0	− 5.9	+ 4.0	+ 2.0	+ 1.6	− .8	+ 2.1	− 3.6	+ 3.6	+ 4.3	+ .4
1900	+ 4.0	− 3.5	− 6.7	+ 3.3	+ 2.1	− 1.0	− 1.6	+ 5.4	+ 2.5	+ 7.9	− 1.2	+ 1.1
1901	+ .6	− 5.9	− 1.5	− 1.7	− .1	+ 1.7	+ 3.6	+ .9	0	+ .9	− 2.5	− 3.4
1902	+ .6	− .3	+ 6.8	+ .6	+ 1.1	− 4.5	+ .2	− 2.8	− 2.5	− .4	+ 6.4	− 1.6
1903	− .1	+ .9	+ 7.9	0	+ 2.1	− 4.5	− 1.3	− 3.9	− .8	+ 1.0	− 3.3	− 6.7
1904	− 7.8	−11.1	− 1.4	− 4.6	+ .7	− .7	− 2.7	− 3.5	− 1.3	− 1.3	+ 1.4	− 4.5
1905	− 4.4	− 6.3	+ 2.3	− .8	− 1.1	− 1.1	− 1.5	+ .9	+ 1.5	+ .1	− 1.2	+ 2.7
1906	+ 8.0	+ .7	− 5.1	+ 3.2	− .4	+ .1	− 1.5	+ 3.3	+ 4.4	− .5	+ .5	− .5
1907	− .2	− 2.0	+ 5.1	− 7.6	− 9.8	− 1.6	− 1.8	− 2.3	− 1.3	− 3.7	− 1.1	+ 1.3
1908	+ 1.8	− 1.2	+ 1.4	+ .5	+ 1.1	+ .4	+ .2	− .6	+ 4.7	+ 2.5	+ 1.6	− .4
1909	+ 2.9	+ 4.4	− .3	− 3.5	− 1.9	0	− 1.6	+ 2.0	− 1.9	− 3.4	+ 5.3	− 3.1
1910	+ .2	− 1.9	+11.1	+ 3.9	− 4.3	− .3	+ .8	− .3	− 1.6	+ 2.9	− 3.1	− 4.5
1911	+ 1.0	+ 4.9	+ 1.0	− .9	+ 5.4	+ 2.0	+ .8	− .6	− .9	− 1.6	− 4.0	+ 4.4
1912	−14.0	− 5.8	− 8.2	+ .5	+ .8	− 2.2	− 1.1	− 3.9	+ 1.2	+ 1.8	+ 1.1	+ 2.9
1913	+ 3.3	− 3.4	− 1.6	+ 1.7	− 1.0	+ 1.6	− .8	+ 1.5	− .6	+ .6	+ 4.1	+ 6.2
1914	+ 4.3	− 7.5	− 1.5	− 1.3	+ 2.7	− .7	+ .6	+ .3	− .4	+ 5.1	+ .2	− 4.3
1915	− 1.7	+ 5.7	− 1.1	+ 6.8	− 3.8	− 4.9	− 3.3	− 4.4	+ .9	+ 1.2	+ 2.6	− 1.3
1916	+ 3.6	− 2.8	− 6.1	− 3.3	− .6	− 5.2	+ 5.4	+ 3.0	− 1.6	− .6	0	+ 4.3
1917	− 3.5	− 8.3	+ .3	− 3.3	− 6.3	− 5.1	− .9	− 2.1	− 2.9	− 7.6	− 1.0	− 8.0
1918	−12.0	− 2.4	+ 4.2	− 1.6	+ 2.8	− 2.3	− 2.3	+ 2.3	− 7.0	+ 1.9	+ 3.2	+ 4.7
1919	+ 5.4	+ 4.4	+ 2.6	0	− 1.3	+ 6.1	+ 1.5	− .6	+ 1.3	+ 1.1	− 2.3	− 7.9
1920	− 9.3	− 3.3	+ 2.0	− 5.3	− 1.7	+ .5	− 3.8	− 1.0	+ 2.1	+ 7.3	− .9	+ 3.6
1921	+ 5.2	+ 5.5	+ 6.5	+ 6.0	+ 3.0	+ 4.2	+ 6.4	0	+ 4.4	+ .6	− 2.6	+ .8
1922	− 1.8	+ 1.7	+ 2.5	+ .5	+ 5.3	− .5	− 2.1	+ .3	+ 2.1	+ 1.3	+ 3.1	− 2.0
1923	+ .4	− 5.0	− 5.9	− 3.1	− 2.1	+ 2.6	− .6	− 2.6	− .6	+ 1.4	+ 1.6	+ 7.8
1924	− 5.0	− .2	− .8	− 1.1	− 6.1	− 2.8	− 3.7	− 1.7	− 4.7	+ 4.3	+ 1.1	− 5.9
1925	− 2.7	+ 5.0	+ 3.2	+ 4.6	− 3.6	+ 2.0	− 1.9	+ 1.4	+ 2.2	− 7.9	− 1.6	− 2.0
1926	+ 1.2	+ 2.1	− 5.6	− 5.6	− .3	− 4.7	− 1.0	+ .8	− 2.0	− 2.1	− 2.7	− 3.7
1927	− 1.4	+ 6.8	+ 6.2	+ .5	− 2.1	− 3.5	− 1.9	− 4.6	+ 3.3	+ 3.7	+ 2.1	− .8
1928	+ 2.2	+ 2.3	− .7	− 3.6	− .3	− 4.5	− .5	+ 1.0	− 4.6	+ 2.3	+ 1.7	+ 3.4
1929	− 5.6	− 4.0	+ 6.4	+ 2.1	− 2.8	− 3.3	− .3	− 2.1	− .3	− 1.2	+ 2.9	− 2.1
1930	− 3.1	+ 7.1	+ .3	+ .6	+ 2.0	+ 1.1	0	+ 1.6	+ 1.4	+ .6	+ 3.0	0
1931	+ 4.4	+ 8.8	+ .7	+ 1.7	− .6	+ 2.4	+ 3.3	+ 1.3	+ 5.3	+ 4.7	+ 8.1	+ 7.0
1932	+10.8	+ 7.4	− 3.8	− 1.9	+ .9	+ 1.7	− .2	+ 1.7	− 1.7	− .2	− 2.7	+ .2
1933	+ 8.7	+ 1.2	− .1	+ .3	+ 2.1	+ 5.5	+ 1.9	− .3	+ 3.7	− 1.4	− 4.6	− 1.9
1934	+ 5.8	− 7.6	− 4.2	− 1.9	+ 4.0	+ 4.0	+ 2.0	− 1.8	+ .1	+ .8	+ 4.4	− 2.3
1935	− .4	+ 1.4	+ 4.3	− .9	− 4.5	− 3.4	+ 3.8	+ 1.5	− 2.3	− .1	− 4.7	− 3.3
1936	− 2.7	− 9.3	+ 3.2	− 4.4	+ 4.2	− 2.0	+ 2.7	+ 2.0	+ 1.7	− 2.0	− 4.0	+ 3.0
1937	+ 2.9	+ 4.0	− 2.8	− 1.2	+ 1.0	− .7	+ 4.5	− .8	− 2.7	− .8	− 2.8	− 2.8
1938	− 1.3	+ 5.6	+ 6.8	+ 1.8	+ .5	− .8	+ .2	+ 4.0	− 2.0	+ 4.0	+ 2.9	+ 1.4
1939	+ 3.0	+ .4	− .9	− 2.8	+ 2.7	+ 1.3	+ .7	+ 1.4	+ 1.1	− .1	− .1	+ 5.1
Average 1887–1939	20.8	20.1	29.5	42.7	54.3	64.3	69.2	67.0	60.5	48.7	36.3	25.7

[1] No official data.

TABLE 18.—*Minnesota: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891	+0.01	+0.81	+0.33	−0.28	−1.50	+0.61	−0.26	−0.48	−0.65	−0.26	−0.39	+1.49
1892	− .40	+ .30	+ .03	+ .73	+2.99	+ .46	+1.34	+ .38	−1.48	−1.33	− .34	− .30
1893	+ .37	+ .51	+ .51	+2.35	− .71	−1.69	− .21	+ .16	−1.47	− .58	− .47	+ .65
1894	+ .03	− .57	+ .92	+2.47	− .27	−1.19	−2.58	−1.85	− .91	+1.50	− .58	0
1895	− .16	− .31	− .82	− .42	+ .05	− .67	− .12	− .97	+ .95	−1.58	+ .12	− .43
1896	+ .02	− .35	+ .82	+3.77	+2.04	− .07	−1.37	− .89	− .35	+1.09	+1.68	− .11
1897	+ .94	+ .50	+ .83	− .52	−1.77	+1.43	+3.52	− .71	− .96	− .22	− .59	− .34
1898	− .59	+ .24	+ .06	− .60	+ .03	− .01	− .10	− .01	−1.24	+1.87	− .16	− .57
1899	− .14	+ .02	+ .27	− .58	+1.16	+1.83	− .37	+2.24	−1.38	+1.25	− .49	+ .07
1900	− .30	− .23	+ .12	− .72	−2.35	−2.45	+1.77	+3.33	+3.36	+1.58	− .53	− .27
1901	− .41	− .37	+ .52	− .35	−1.74	+1.78	+ .12	−1.08	+1.21	+ .09	− .39	− .19
1902	− .35	− .13	− .23	− .38	+1.76	− .84	+1.18	+1.06	− .72	+ .15	+ .37	+ .96
1903	− .31	− .16	+ .60	+ .61	+1.95	−2.04	+1.85	+1.30	+2.57	+1.19	− .79	+ .06
1904	− .39	+ .07	+ .39	− .33	− .82	+ .20	+ .61	+ .59	+ .34	+1.58	−1.00	+ .05
1905	− .12	− .25	0	− .50	+2.14	+2.49	+1.03	+ .80	+ .63	+ .53	+1.44	− .60
1906	+ .33	− .50	− .05	− .33	+2.17	+ .61	− .38	+1.39	+ .73	+ .39	+ .72	+ .18
1907	+ .45	− .22	− .23	−1.12	−1.02	+ .26	+ .15	+ .72	+ .35	− .59	− .63	− .20
1908	− .46	+ .41	+ .31	+ .36	+3.01	+2.11	− .17	−1.02	− .47	0	+ .13	+ .03
1909	+ .56	+ .55	− .65	− .32	+ .24	− .48	+ .46	+1.17	+ .09	− .27	+1.33	+ .74
1910	+ .10	− .28	− .91	− .53	−1.65	−2.57	−1.37	− .85	− .44	− .86	− .65	− .36
1911	+ .07	+ .06	− .58	− .16	+ .06	− .27	+ .41	+ .99	+ .55	+2.21	− .04	+ .54
1912	− .37	− .55	− .72	+ .03	+ .96	−2.36	+1.25	+ .83	+ .02	− .93	− .81	+ .11
1913	− .44	− .33	+ .03	− .11	+ .38	− .94	−2.25	− .28	+1.39	+ .73	+ .39	− .72
1914	+ .01	− .29	− .04	+ .24	− .25	+4.10	− .64	+ .67	+ .42	+ .18	− .76	− .31
1915	− .10	+ .97	− .61	− .48	+ .86	+2.01	+ .74	−1.16	+ .05	+ .22	+ .62	− .17
1916	+1.33	− .29	+ .39	+ .59	+1.07	+ .94	− .42	+ .49	+ .03	− .56	− .74	+ .22
1917	+ .49	− .08	+ .56	+ .37	− 1.23	− .81	− .03	−1.11	− .50	− .33	− .73	− .21
1918	− .13	− .35	− .32	− .27	+1.13	−2.04	+ .01	+ .90	−1.73	+ .45	+1.14	+ .68
1919	− .39	+ .71	− .07	+ .53	− .80	+1.54	+1.53	− .28	−1.08	− .02	+1.03	− .38
1920	+ .17	− .36	+ .68	− .30	− .08	+2.17	− .26	−1.37	− .02	− .08	+ .04	0
1921	− .36	− .25	+ .32	− .30	+ .24	−1.18	+ .31	− .99	+1.61	−1.23	− .31	− .28
1922	− .09	+1.40	0	− .26	− .21	−1.33	− .07	−1.47	− .97	− .81	+2.24	− .18
1923	+ .23	− .17	− .41	− .27	−1.18	+ .59	− .57	− .85	− .52	−1.05	− .71	− .25
1924	− .42	− .23	+ .06	+ .48	−1.36	+ .43	− .57	+1.89	+ .74	− .44	− .72	+ .14
1925	− .25	− .21	− .64	0	−1.72	+3.01	− .24	−1.25	+1.29	− .92	− .37	− .21
1926	+ .04	− .21	− .25	−1.61	−1.18	− .81	− .37	+ .67	+2.51	+ .24	+ .37	+ .23
1927	− .16	− .11	+ .40	+ .58	+ .41	− .56	− .57	−1.15	+ .04	− .23	+ .07	+. 87
1928	− .40	− .02	− .40	− .10	−1.86	− .20	+ .85	+2.94	− .06	+ .43	− .63	− .16
1929	+ .51	− .17	− .18	+ .23	−1.14	−1.98	− .53	− .18	+1.18	+ .46	− .58	− .24
1930	− .12	+ .40	− .65	−1.02	+ .96	− .23	− .71	−1.96	+ .70	− .41	+1.32	− .57
1931	− .62	− .35	+ .07	−1.19	− .94	− .11	−1.12	− .33	− .39	+ .60	+1.78	− .14
1932	+ .40	− .08	− .31	− .19	− .07	−1.24	− .40	+ .17	−1.76	− .45	+ .65	− .20
1933	+ .14	− .14	+ .19	− .56	+ .55	−2.04	− .63	−1.50	+ .26	− .60	− .38	+ .20
1934	− .25	− .56	− .49	−1.00	−2.22	− .09	− .94	−1.07	+ .79	+ .66	+ .29	+ .14
1935	+ .39	− .46	+ .33	+ .40	− .71	+ .73	+ .39	+1.34	−1.58	− .12	− .11	+ .03
1936	− .02	+ .69	+ .30	− .73	− .67	−2.14	−2.59	− .16	− .79	+1.18	− .13	+ .65
1937	+ .68	+ .19	− .34	+1.73	+ .62	− .82	− .16	+1.01	− .82	− .76	− .49	− .09
1938	− .17	+ .02	+ .34	+1.02	+3.34	− .62	+ .03	− .60	+ .78	−1.33	+ .76	− .15
1939	+ .45	+ .65	− .56	− .64	− .91	+1.12	− .90	+ .69	−1.42	− .22	−1.08	− .36
Average 1891–1939	.77	.76	1.17	2.09	3.21	4.03	3.27	3.19	2.84	1.84	1.14	.77

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891	+10.2	− 2.6	− 5.3	+4.0	+0.8	−0.2	−5.0	−1.7	+5.1	0	− 5.3	+ 9.4
1892	− 1.9	+ 4.2	− .5	−3.1	−6.0	−1.4	0	+ .4	+1.3	+ 2.4	− 3.6	− 4.8
1893	− 7.6	− 5.5	− 5.8	−6.6	−2.6	+4.8	+1.0	− .9	+ .2	− .2	− 1.9	− 5.6
1894	− 2.2	+ .6	+ 4.8	+3.0	+1.1	+5.2	+3.1	+2.1	+1.4	0	− 4.1	+ 8.1
1895	− 6.2	− 3.5	− .7	+6.9	+1.6	− .3	−2.3	− .2	+2.3	− 4.9	− 1.8	+ 2.6
1896	+ 3.0	+ 5.6	− 5.2	+1.5	+5.6	+1.6	− .2	+ .3	−4.9	− 3.9	−11.6	+ 4.6
1897	− 2.2	+ 3.0	− 5.9	+ .7	− .1	−2.4	+1.5	−3.4	+6.1	+ 3.7	− 3.0	− 3.4
1898	+ 9.0	+ 4.1	+ 3.7	+ .5	+ .3	+2.1	− .3	− .7	+1.4	− 3.4	− 3.0	− 3.8
1899	+ .6	− 7.8	−11.9	+1.0	− .2	+ .5	+ .1	+1.5	−2.8	+ 2.7	+10.0	+ 2.2
1900	+ 9.1	− 7.1	− 3.2	+6.5	+4.6	+1.9	−1.3	+6.7	−1.0	+ 8.8	− 4.2	+ 2.9
1901	+ 3.9	− 2.3	+ .7	+3.7	+2.9	+ .6	+4.6	+2.2	−1.9	+ 2.9	− .8	− 2.7
1902	+ 6.6	+ 3.2	+ 7.4	− .4	+1.7	−3.6	− .4	−2.4	−4.0	+ .8	+ 3.7	− 3.1
1903	+ 2.0	− 1.7	+ 3.0	+ .3	+ .4	−2.6	−2.9	−4.0	−3.7	− .2	− 2.3	− 5.9
1904	− 4.8	−10.0	− 1.8	−4.2	+ .1	−1.7	−4.1	−2.7	−1.8	+ 1.1	+ 7.1	+ 1.0
1905	− 3.7	− 3.4	+ 7.1	−1.0	−2.7	−1.9	−2.8	+1.3	+2.7	− 2.8	+ 3.5	+ 4.9
1906	+ 7.7	+ 1.5	− 6.0	+4.9	−1.6	−1.2	−1.8	+1.1	+4.1	− .6	+ 1.1	+ .2
1907	− 5.5	+ 2.5	+ 2.1	−8.3	−9.8	−1.6	−1.9	−1.5	−3.3	− .9	+ 2.1	+ 5.6
1908	+ 7.1	+ 5.6	− .2	+2.2	−1.4	−2.4	− .7	−2.1	+5.0	+ .7	+ 4.2	+ 1.8
1909	+ 1.2	+ 1.4	− .5	−7.2	−2.1	+ .1	− .9	+3.3	− .5	− 1.6	+ 4.2	− 5.7
1910	+ 2.4	− 4.8	+15.1	+5.0	−3.7	+2.9	+ .5	−1.8	− .8	+ 4.5	− 4.3	− 1.0
1911	− 4.0	+ 4.3	+ 6.1	− .3	+4.5	+4.8	−1.9	−3.6	−2.5	− 2.9	− 9.4	+ 3.7
1912	−16.1	− 1.7	− 6.8	+2.5	+ .6	−2.4	−1.6	−3.7	−2.0	+ 1.2	+ 4.3	+ 4.3
1913	− 2.2	− 3.7	− 6.2	+3.4	−2.6	+2.5	−2.8	+1.6	− .6	− 3.6	+ 7.3	+10.4
1914	+ 7.6	− 9.5	0	−1.8	+2.3	− .3	+2.3	−1.5	+ .8	+ 6.3	+ 3.4	− 6.7
1915	− .9	+ 9.3	− .9	+9.4	−3.8	−5.5	−5.5	−3.6	−1.1	+ 2.2	+ 1.8	+ 2.7
1916	− 6.1	− 5.4	− 4.1	−2.5	−1.8	−4.7	+5.4	+ .8	−2.5	− 3.1	+ 1.3	− 7.8
1917	− 6.3	−10.2	− 1.9	−3.5	−3.3	−4.2	+ .7	−2.7	−1.8	− 9.9	+ 6.5	−10.5
1918	− 8.8	+ 1.1	+ 9.0	−1.2	+1.1	− .5	−2.1	+ .9	−6.6	+ 1.9	+ 5.0	+ 7.1
1919	+ 9.2	+ .7	− .3	+ .3	+ .7	+3.0	+1.6	− .4	+1.5	− 6.3	− 6.5	− 8.1
1920	− 5.0	+ .7	+ 1.0	−7.5	+ .3	0	−2.2	− .6	+3.1	+ 6.4	+ .1	+ 3.6
1921	+ 8.3	+ 8.4	+ 2.4	+3.8	+1.8	+5.4	+4.1	+ .1	+1.3	+ 2.1	− 6.4	+ 1.4
1922	− .1	+ 5.1	+ 1.8	0	+4.9	+1.5	−2.8	+2.7	+3.0	+ 3.1	+ 6.3	− 3.1
1923	+ 3.2	− 6.1	− 8.7	−2.3	+ .7	+3.5	+2.8	−2.7	+6.6	− .7	+ 6.6	+ 9.5
1924	− 6.3	+ 6.5	+ .9	−1.5	−7.6	−3.8	−3.7	−2.2	−4.2	+ 6.7	− .1	−10.7
1925	− .4	+ 4.3	+ 4.0	+6.0	−2.5	−1.4	−2.6	+1.9	+2.1	−11.0	− .1	− 1.7
1926	+ 4.2	+ 7.8	− 3.1	−1.6	−4.1	−3.9	− .2	− .7	−4.2	− 2.3	− 5.7	− 4.7
1927	+ 1.0	+ 5.5	+ 5.3	+ .4	−4.1	−2.4	−3.7	−3.7	+1.4	+ 2.5	− 4.0	−11.9
1928	+ 3.6	+ 5.7	+ 1.6	−6.0	+2.8	−4.8	− .8	− .5	−3.9	+ .3	+ 4.0	+ 6.8
1929	−12.6	− 6.7	+ 4.4	+ .7	−4.2	−1.9	+ .4	+ .6	−3.1	+ .7	− 3.9	− 2.0
1930	− 7.9	+10.8	+ 1.2	+2.8	− .4	+ .4	+1.8	+3.2	− .8	− 1.8	+ 2.8	+ 4.0
1931	+11.5	+15.1	+ 1.9	+2.8	−1.6	+4.6	+2.2	+ .1	+5.7	+ 5.0	+ 6.2	+ 9.2
1932	+ 5.0	+ 2.5	− 7.8	+ .1	+1.4	+3.4	+ .7	+1.5	−1.5	− 3.3	− 3.4	− 3.3
1933	+ 8.2	− 3.5	+ .6	−1.4	+ .6	+7.6	+2.9	− .2	+4.0	− 3.3	− 3.2	− 4.9
1934	+ 6.7	+ 1.8	− 2.1	− .6	+8.4	+2.5	+1.0	−1.6	−4.4	+ 4.1	+ 5.6	− 3.9
1935	− 4.2	+10.4	+ 2.7	−3.0	−3.8	−3.9	+4.9	+1.2	−1.2	− 1.0	− 6.5	− 1.4
1936	−10.7	−17.8	− .2	−6.6	+5.2	−1.0	+7.0	+3.1	+2.8	− 3.8	− 3.4	+ 2.0
1937	−10.1	− 2.8	− 3.5	−2.3	+2.0	−1.0	+2.2	+6.4	+ .8	− 2.7	− 1.3	− 2.8
1938	− .6	+ 3.9	+ 8.3	+ .7	−2.0	0	+ .2	+3.9	+1.4	+ 6.6	− 1.9	+ 1.7
1939	+ 5.9	− 7.0	− 1.4	−2.6	+5.5	+ .7	+1.6	+1.2	+4.2	− 1.5	+ 5.8	+10.7
Average 1891–1939	9.3	12.3	26.6	43.0	55.3	64.9	70.1	67.6	59.2	46.3	29.6	15.7

TABLE 19.—*Mississippi: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1888	−1.19	+0.33	+2.77	−3.31	−0.76	−0.06	−1.61	+4.03	+0.10	+0.13	−0.53	−2.08
1889	+.15	−2.44	−1.80	−1.98	−3.05	+2.33	+.40	−1.51	−.34	−2.34	+.21	−4.32
1890	−1.35	+2.61	+1.23	+.59	+.47	−.46	−.42	+1.73	+2.81	+.22	−2.16	−2.04
1891	+2.51	+2.67	+2.05	−1.30	−2.49	+.75	+2.48	−2.10	−1.94	−1.74	+2.98	−.63
1892	+1.14	−2.04	+.61	+1.77	−1.30	+.26	+5.00	+.76	−.19	−2.01	+.12	+.35
1893	−2.45	−.19	−2.63	−.80	+3.63	+1.06	−1.27	−.04	+2.25	−1.26	+1.34	−1.10
1894	+.20	+1.14	+.52	−.82	−1.92	−1.83	+.76	+1.68	+.36	−1.76	−2.65	−1.08
1895	+1.00	−2.72	+.85	−2.01	−1.02	+2.13	−.36	+.41	−2.02	−.35	−1.04	−.18
1896	−1.06	+2.89	−.77	−.85	−1.65	+.29	−2.83	−1.47	−1.59	+1.14	+.34	−3.97
1897	+.25	−.73	+2.51	−2.01	−2.67	−1.95	−.60	+.97	−2.39	−.75	−1.13	+3.28
1898	+2.02	−1.94	−1.80	−1.56	−2.15	+.78	+.90	+1.75	+3.21	+.98	+1.39	−2.36
1899	+2.57	−.75	+.05	−3.00	−2.55	−.35	−.13	−.52	−1.97	−1.47	−1.16	+1.07
1900	−2.10	+1.98	−.96	+6.30	−.66	+7.89	+1.33	−2.05	−.60	+2.86	−.61	−1.22
1901	+.03	−.53	−2.11	−.52	−.27	−1.88	−1.04	+2.78	+.64	−1.05	−1.12	+1.92
1902	−1.75	−1.27	+3.45	−2.03	−1.55	−2.70	−1.34	−.45	+2.08	−.82	+1.03	+.42
1903	0	+5.92	+.74	−3.68	−.46	−1.12	−.33	+.28	−2.37	−1.48	−2.41	+1.50
1904	−2.04	−2.30	−.55	−2.13	−1.56	+.10	+1.70	−1.15	−1.53	−2.32	−.86	+.05
1905	+.92	+2.60	−.35	+2.50	+.91	+.74	−.45	+1.30	+.35	+1.86	−.38	+.38
1906	−1.23	−2.97	+2.78	−3.08	+.56	−1.01	+.97	−1.22	+6.13	+1.17	+.13	−.86
1907	−2.79	−.18	−2.65	+1.48	+6.49	−1.80	−.38	−.59	+.62	−.44	+1.98	−.62
1908	−.45	+3.05	−1.04	+.40	+2.02	+.68	+.40	+1.62	−.39	−2.25	−1.56	−.70
1909	−2.98	+2.23	+.07	+1.97	+5.59	+2.32	−1.38	−1.32	+1.18	−1.28	−1.72	+.29
1910	−1.05	+.25	−4.93	−.96	+.52	+2.32	+2.10	−1.09	−1.15	+1.20	−1.56	−1.53
1911	−1.08	−1.21	−3.26	+4.73	−2.28	+.27	+1.34	+2.16	−1.17	−.59	+.70	+6.91
1912	−.80	−1.31	+4.91	+5.46	+.05	+.89	+.03	+1.08	+.08	−.51	−2.19	+4.18
1913	+3.49	+.79	+1.08	+.10	−.21	−2.10	+.19	−1.82	+4.98	+.79	−1.09	−1.91
1914	−4.13	−.41	+.54	−.21	−2.53	−1.88	−1.26	+2.52	+1.35	−.74	−.16	+.49
1915	+1.30	+1.30	−2.65	−3.74	+1.42	+.52	−1.19	+.52	+1.15	+.79	+1.05	+.47
1916	+1.23	−2.20	−2.22	−1.93	+3.08	−.12	+5.21	−.58	−1.12	−.55	−1.74	−.56
1917	+.86	+.31	+1.15	−.04	−2.43	−1.42	−.15	+.50	−.38	−1.09	−2.01	−3.14
1918	−.65	−2.43	−4.80	+2.92	−2.78	−.28	−2.29	−.34	+.15	+6.38	+.69	−1.14
1919	+.26	+.52	+1.21	+.29	+3.60	+.80	−1.30	+2.01	+1.91	+4.72	+5.25	+.79
1920	+1.50	−1.83	+.06	+4.60	+1.50	+.26	+.96	+.84	+.17	−1.05	−.31	+3.15
1921	−2.16	−.65	+2.26	+4.47	−2.76	−1.27	−.46	−.44	+.10	−1.36	−1.17	−1.31
1922	+1.32	+1.58	+4.18	+.35	+1.52	−.48	−.38	−1.03	−1.66	−.97	+.20	+1.81
1923	−.73	+1.53	+1.71	+3.66	+4.73	+1.03	+.78	+1.30	−.89	+1.11	+1.54	+2.26
1924	+1.36	−.39	−1.57	+.16	+.16	−.73	−3.31	−2.42	−1.12	−2.38	−3.13	+.43
1925	+3.37	−1.09	−2.84	−3.73	−.60	−1.73	−.15	−1.95	−.05	+5.11	+2.04	−2.15
1926	+1.26	−1.84	+1.87	−1.51	−.55	−.91	−.98	+2.20	−1.54	+.27	−.68	+4.23
1927	−2.78	+1.36	+2.54	+.24	+.20	+.88	−1.57	+.09	−1.14	−1.44	+.91	+1.70
1928	−3.48	−1.77	−.44	+4.05	−.10	+5.13	−.23	−.65	−1.22	−.61	−.34	−2.07
1929	+.04	+1.26	+2.92	−.35	+.40	−.81	−.55	−1.98	+1.18	+1.49	+5.03	−1.60
1930	+.17	−1.52	−1.63	−3.67	+4.86	−3.66	−2.46	−1.00	+1.62	+.52	+2.77	−1.68
1931	−1.66	−1.25	−1.10	−2.47	−.37	−1.89	+3.89	−.48	−2.26	−.78	+1.06	+6.70
1932	+5.27	+1.29	−1.44	−1.56	−.65	−.78	+.38	−.25	+3.61	+3.72	+.08	+5.04
1933	−2.16	+1.69	+1.02	+2.94	−.25	−2.42	+2.34	−.57	−1.14	−1.03	−2.14	−.97
1934	−1.83	−.02	+.23	−2.49	−.72	+1.44	−.26	−.31	+.96	0	+4.16	−.73
1935	−.44	−1.37	+2.60	+1.34	+1.57	−.11	−1.82	−1.51	−.44	+.10	−.03	−1.36
1936	+1.00	−.11	−2.80	−.10	−1.67	−2.85	+.98	−1.83	−.91	−.84	−.68	+1.28
1937	+6.23	−1.26	−1.47	−.80	−.97	+.27	−1.56	+.54	−.30	+2.54	+.33	−1.34
1938	−.35	−1.70	+.30	+3.54	−1.64	+1.04	+.37	−.26	−1.63	−1.78	−.26	−1.78
1939	+1.64	+3.25	−.18	−.99	+1.17	+2.57	−.41	−1.39	+.05	−1.43	−2.08	−1.18
Average 1888–1939	5.20	4.90	5.73	4.88	4.36	4.21	5.02	4.22	3.04	2.60	3.58	5.26

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1888	−2.5	+1.5	−3.0	+3.5	+0.2	−0.9	+0.9	−0.8	−3.0	−1.3	+0.4	−1.3
1889	−1.9	−3.2	−1.2	+1.0	−1.8	−3.2	−.1	−2.5	−2.6	−2.7	−4.1	+11.3
1890	+10.7	+8.7	−1.8	+1.4	−.8	−1.6	0	−2.4	−2.4	−2.2	+2.9	+2.2
1891	−1.1	+6.6	−2.0	+.8	−1.3	+1.7	−2.2	−2.4	−1.0	−3.8	−1.2	+3.4
1892	−6.7	+5.0	−4.8	+2.1	+.1	−.7	−1.5	−1.2	−3.7	+.7	−.7	−.7
1893	−4.9	+3.9	−2.3	+4.1	−.2	−.7	+.9	−1.4	−1.3	−3.0	−1.8	+1.4
1894	+3.0	−2.6	+2.4	+2.2	+.7	−1.5	−2.3	−.2	−2.3	−.8	−2.2	+.7
1895	−3.4	−10.9	−3.2	+.6	−1.0	−.2	−.3	−.5	−6.0	−4.9	−1.6	−1.0
1896	−2.0	+.2	−2.8	+5.2	+5.8	−.4	+1.8	+1.8	−5.6	−1.2	+3.5	+.5
1897	−3.8	+2.9	+5.7	−.4	−1.7	+2.3	+1.7	−.2	+.9	+3.6	+.9	−.9
1898	+3.5	−.2	+3.1	−4.5	+2.4	+1.3	−.6	−.4	+.6	−3.2	−4.2	−4.8
1899	−2.3	−13.2	−.4	−1.4	+3.2	+.7	+.2	+1.6	−3.2	+2.5	+1.5	−2.4
1900	−2.0	−4.3	−3.2	+.3	+.4	−1.3	−.4	+1.0	+3.7	+3.6	+1.6	0
1901	+1.3	−3.8	−1.8	−4.5	−1.1	+1.5	+2.2	−.8	−2.5	−1.0	−3.2	−5.0
1902	−3.6	−7.5	+.1	0	+4.4	+2.5	+1.3	+1.9	−2.6	−1.0	+4.9	−1.8
1903	−2.5	−1.1	+3.0	−1.1	−1.2	−5.3	−.4	−.2	−2.6	−1.2	−3.4	−5.4
1904	−4.6	+2.2	+3.2	−3.3	−1.7	−.4	−2.5	−1.1	−1.6	+.4	−4.2	−1.2
1905	−7.5	−11.0	+3.7	−.3	+3.1	+.6	−2.0	−.1	+.8	−.8	+2.2	−4.9
1906	−.1	−3.6	−5.0	+1.2	−1.4	+.4	−1.8	−.2	+2.3	−3.9	+1.7	+3.5
1907	+8.5	+1.1	+9.0	+4.9	−4.0	−2.4	+.4	+.9	−.6	−.8	−3.2	−.4
1908	−1.8	−2.2	+6.3	+4.1	+.1	−.5	+.9	−.8	−.4	−4.6	+2.9	+2.6
1909	+2.3	+1.7	+.6	−.3	−2.6	−.3	+.9	+1.2	−.2	−.4	+6.3	−6.4
1910	−.2	−1.7	+5.6	−1.6	−2.4	−2.9	−1.4	+.1	+2.3	+1.1	−1.3	−2.7
1911	+5.4	+6.9	+3.0	+.7	+1.3	+2.5	−2.5	−1.1	+5.2	+2.9	+1.2	+1.5
1912	−6.3	−5.8	−4.4	+1.1	+.6	−3.6	−.4	−.8	+1.5	+1.8	−3.0	−1.2
1913	+5.0	−2.3	−1.4	−1.8	−.9	−.9	+.3	+.3	−1.8	−3.1	+4.0	−.2
1914	+2.3	−3.1	−4.7	−.5	−.3	+4.4	+1.2	−1.0	−1.3	−.2	−.7	−5.5
1915	−3.5	0	−9.6	+.7	+1.8	0	−.3	−1.6	+1.3	+1.6	+2.7	+.2
1916	+4.8	−1.8	−.4	−2.1	+1.4	−1.5	−.7	−.3	−1.9	−.7	−.5	−.1
1917	+2.7	+.6	+.7	−1.0	−4.9	−.8	−.1	−1.6	−2.3	−6.2	−3.3	−6.8
1918	−10.4	+4.5	−1.7	+1.8	+2.3	−1.4	+.6	−5.2	+3.8	−1.7	+1.7	+3.7
1919	−2.6	−.3	+.1	−1.4	−2.5	−.6	0	+.4	+.1	+7.9	+3.1	+.1
1920	−.2	−.7	−2.0	−1.1	+1.4	−1.6	−.9	−2.1	+2.2	+.4	−4.3	−1.3
1921	+4.2	+3.0	+8.5	−1.7	−.5	+1.6	+1.3	+1.4	+5.5	−1.1	+5.1	+4.4
1922	−.8	+4.2	−.5	+3.2	+.9	+.7	−.6	−.7	+2.0	+.3	+3.2	+6.6
1923	+5.8	−2.0	−2.2	−.4	−1.7	−1.2	−1.7	−.6	+.6	−1.5	−1.6	+6.8
1924	−5.3	−1.2	−5.1	+.1	−3.4	+2.4	+.1	+2.5	−2.0	+1.3	+2.8	0
1925	0	+5.1	+2.4	+4.8	−1.2	+2.6	+1.2	+.3	+7.4	−.2	−1.3	−2.8
1926	−2.2	+3.3	−5.3	−3.2	−.7	−.2	−.6	+1.0	+4.1	+3.3	+4.4	+3.4
1927	+3.1	+8.9	+.3	+4.4	+2.1	−.1	+.6	−1.8	+2.0	+2.6	+6.5	−1.1
1928	−.8	−.2	+.7	−3.8	−1.1	−1.5	+.6	+1.8	−2.5	+3.8	−.8	−.7
1929	+1.7	−4.4	+3.2	+3.2	+.5	−.5	+.1	−.4	−.2	−.5	−2.3	−1.3
1930	−2.1	+6.3	−2.9	+2.4	+1.1	−.8	+3.4	+.2	+.9	−1.8	+.1	−3.8
1931	−1.7	+2.3	−5.8	−1.9	−3.2	+.8	+.2	−2.8	+3.7	+4.1	+6.4	+7.3
1932	+5.2	+9.6	−4.4	+1.7	−1.2	+1.6	+2.7	+1.2	−1.0	−2.6	−4.4	−1.3
1933	+6.0	−.2	+.6	−4.7	−.1	−.6	0	−.6	+4.6	+1.4	+1.2	+8.6
1934	+3.0	−2.8	−1.8	+1.1	+.6	+2.1	+1.9	+2.3	−1.0	+3.3	+3.0	−.5
1935	+1.1	+1.1	+6.2	0	+.7	−1.6	+1.1	+2.2	−.7	+2.4	−.1	−6.4
1936	−3.4	−5.0	+3.8	−2.1	+1.2	+2.6	+1.2	+1.8	+4.3	+.7	−2.5	+1.5
1937	+8.2	−.3	−4.2	+.3	+2.2	+1.5	−.6	+1.4	−1.3	−2.1	−2.8	−.8
1938	+.7	+6.6	+7.7	−.2	+1.5	−1.1	+.9	+1.9	+.1	+1.8	+.1	−.8
1939	+3.0	+2.7	+2.8	−1.9	−.3	+.7	+.9	−.2	+2.9	+1.7	−2.9	+1.8
Average 1888–1939	47.5	49.5	57.0	64.5	71.8	78.9	81.1	80.8	76.0	65.4	55.1	48.3

TABLE 20.—*Missouri: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1888	−0.27	+0.13	+0.64	−2.01	+0.21	+1.17	−0.82	+3.23	−3.03	−0.14	+0.72	+0.29
1889	+.12	+.65	−1.04	−1.27	+1.29	+.02	+.35	−2.11	+.64	−.54	+.85	−1.05
1890	+2.77	+.62	+.25	−.35	−1.12	−2.19	−.63	+1.33	+.32	−.51	−.29	−.96
1891	−.78	+.36	−.60	−.47	−.66	+1.92	−.44	+1.49	−3.32	−1.81	+1.47	−.26
1892	−.54	+2.22	−.28	+1.90	+4.27	−1.55	+1.21	−1.15	−1.58	−.46	+.08	+.36
1893	−1.96	+.08	−.34	+4.34	+1.37	+.08	+1.00	−1.81	+.03	−1.74	−.97	−1.17
1894	+.07	+.61	−.04	−.82	−.46	−.90	−1.00	−2.16	+.90	−1.04	−1.11	+.27
1895	−.75	−1.52	−.90	−1.89	−.82	+1.23	+3.10	+.22	−1.66	−2.44	+.93	+4.26
1896	−1.22	−.42	−1.04	−.36	+4.40	−.66	+1.84	−.67	+.05	−.38	−.24	−1.22
1897	+2.83	+.42	+3.47	+.72	−2.17	+1.61	−.53	−1.43	−3.37	−2.12	−.04	+.89
1898	+1.70	−.48	+4.18	−.29	+2.91	+1.28	+2.05	−.67	+2.66	+1.49	−.35	−.49
1899	−.48	+.21	−.34	−.13	+1.30	−.72	+.83	−.67	−2.08	−.30	−.65	+.08
1900	−1.13	+1.91	−1.74	−.43	−1.14	+.41	+.48	−.25	+.55	+1.10	+.32	−1.35
1901	−1.10	−.35	+.51	−.97	−3.30	−2.62	−1.65	−1.75	−1.88	−1.17	−1.19	+1.06
1902	−1.05	−.47	+.45	−1.11	+.06	+1.78	+.43	+2.26	+.59	−.45	+1.06	+1.18
1903	−.92	+1.16	+.36	−.56	+2.28	−1.36	−.27	+1.20	+.12	+.20	−1.40	−.44
1904	+.60	−1.07	+1.29	+1.70	−.03	+2.04	+.94	+1.60	−.27	−1.98	−2.45	−.59
1905	−.37	−.41	−.11	−.84	+.56	−1.50	+4.40	+.88	+3.36	+1.99	−.80	−.43
1906	+1.03	+.33	+.72	−1.51	−2.32	+.18	−.13	+.90	+.49	−1.80	+.89	+.38
1907	+2.63	−.81	−.50	−.60	+.84	+.83	+.89	+.09	−1.98	+.07	−.43	−.39
1908	−.74	+2.23	−.28	+1.96	+2.14	+1.37	−.31	−.34	−1.89	−.47	+1.23	−1.36
1909	−.05	+1.15	−.23	−.79	+.77	+.59	+2.49	−3.20	+.44	−.14	+1.65	+.73
1910	−.59	+.08	−2.49	−.35	+1.61	−.53	+2.12	−.88	+1.41	+.11	−2.32	−.65
1911	−1.57	+1.69	−1.54	+1.00	−3.31	−2.88	+.01	+.53	+2.23	+.30	−.04	+.71
1912	−1.19	+.42	+1.43	+2.15	−.97	+.13	−.79	+.24	−.93	+.92	−1.17	−1.52
1913	+1.77	−.06	+1.38	−.61	−1.98	−2.09	−.57	−2.71	−.71	+1.70	+.04	+.12
1914	−.96	+.71	−.50	+.79	−3.28	−2.38	−1.00	+.45	+2.02	+1.73	−1.98	+.37
1915	+.47	+.98	−1.81	−1.81	+2.95	+1.81	+2.07	+4.39	+1.14	−1.64	+.16	+.85
1916	+5.25	−1.11	−.71	−.61	+.70	+1.22	−2.45	+.29	−1.07	−.74	−.21	−.22
1917	−.88	−1.67	−.57	+2.02	−.49	−.97	−.59	+.89	−1.28	−1.71	−1.44	−1.38
1918	−.69	−1.03	−2.24	+1.40	+.73	−1.55	−2.05	−.23	+.79	+.59	+.59	+1.09
1919	−1.97	−.13	−.86	−.90	+.97	+.94	−1.37	+.53	−.90	+4.21	+.90	−1.42
1920	−.69	−1.47	+1.86	−.11	−.26	−2.29	−.37	+.89	+.56	+.28	−1.61	−.02
1921	−.53	−1.06	+1.80	+1.43	−1.09	+1.17	−1.35	+1.59	+2.90	−.71	+.44	−.17
1922	−1.08	−.26	+3.13	+2.48	−1.70	−3.03	+1.83	−1.36	−.94	−.82	+1.01	+.13
1923	+.17	−.51	+.97	−.67	−.09	+.92	−.51	+.01	+.49	+.69	−.42	+.93
1924	−.82	−.25	−.72	−1.78	−.06	+2.63	+1.88	+.31	−.25	−1.64	−.89	+1.34
1925	−1.36	−.21	−1.32	+.19	−2.67	+1.35	−.97	−.46	+2.52	+2.12	+.38	−.71
1926	−.48	−.02	−.39	−1.51	−1.99	−1.04	−.60	+1.85	+4.60	+1.87	+.34	+.02
1927	+.64	−1.02	+2.67	+4.75	+2.18	+1.17	+.49	+1.29	−.32	+1.73	−.99	+.67
1928	−1.44	+.18	−1.65	+.93	−1.90	+6.61	−.74	+1.68	−1.54	+.96	+2.35	+.15
1929	+1.10	−.13	+.07	+2.22	+2.99	+1.05	+.36	−1.22	−.88	+2.50	−1.21	−.40
1930	+2.21	−.34	−1.88	−1.91	−1.44	−.87	−2.67	−1.81	+.24	+.23	+.26	−.90
1931	−1.67	+.40	−.08	−.97	−.27	−1.89	−.36	+1.17	−.13	+.51	+2.75	+.57
1932	+1.15	−.62	−1.27	−1.35	−2.97	+.17	−.06	+1.90	−1.48	+.68	−.80	+2.60
1933	+.15	−.64	+.35	−.09	+2.98	−3.17	−1.00	+.02	+.65	+.04	−1.74	−.22
1934	−1.07	−.75	−.71	−1.43	−2.84	−1.87	−2.49	+.21	+3.35	−.36	+3.04	−.34
1935	+.16	−.55	+2.50	−1.03	+3.69	+4.31	−.37	−1.60	−.53	+.61	+1.49	−.94
1936	−1.40	−.59	−1.99	−1.48	−2.25	−3.22	−2.15	−2.96	+4.58	+.69	−.78	+.69
1937	+3.97	−.71	−1.60	+.11	−.91	+.29	+.39	−1.75	−1.63	−.42	−.82	+.10
1938	+.52	+1.11	+1.72	−.25	+1.36	+.13	−.17	−1.18	−2.19	−1.63	+1.61	−.31
1939	+.33	+1.08	−.18	+1.08	−.60	+1.00	−.76	+1.00	−3.23	−.97	−.09	−.69
Average 1888–1939	2.41	2.09	3.26	3.93	4.77	4.64	3.67	3.80	4.04	2.86	2.67	2.14

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1888	−9.5	−0.1	−5.5	+2.7	−2.4	−1.0	+1.3	−2.5	−4.2	−3.9	−2.8	+1.7
1889	+.8	−3.8	+.3	+.5	−1.0	−2.9	−.9	−3.0	−4.7	−3.7	−4.5	+12.6
1890	+2.8	+2.4	−6.7	+1.0	−1.7	+3.6	+1.6	−3.2	−5.7	−2.7	+2.1	+1.8
1891	+3.1	−.4	−7.4	+1.6	−3.0	−.4	−5.3	−3.3	+1.2	−1.8	−4.8	+5.6
1892	−7.0	+4.6	−5.1	−2.1	−3.8	+.9	−2.2	−2.2	−1.6	0	−4.3	−4.8
1893	−8.5	−5.2	−3.5	−1.3	−2.7	−1.0	−.7	−3.7	+.5	−.8	−3.5	+1.0
1894	+.4	−2.3	+3.7	+.9	−.8	+.9	−1.5	+.5	−.9	+.1	−3.4	+2.5
1895	−6.3	−9.5	−1.6	+2.7	+.1	−.3	−3.6	−1.2	+2.4	−6.3	−2.8	+.1
1896	+1.9	+2.5	−4.8	+6.7	+5.6	−1.1	−.7	+.1	−4.4	−3.4	−2.1	+4.4
1897	−2.6	+1.7	+.2	−.8	−2.1	0	+.7	−2.4	+4.9	+5.0	−1.0	−4.9
1898	+3.3	+2.3	+.7	−2.7	+.7	+1.7	−1.9	−.7	+1.5	−4.0	−4.5	−5.5
1899	−.8	−12.7	−6.6	−1.2	+2.4	+.7	−2.0	+2.3	−2.0	+4.9	+5.1	−3.8
1900	+3.5	−6.9	−3.6	+1.5	+1.8	−.3	−1.1	+3.8	+1.7	+4.9	−.7	+1.4
1901	+4.0	−5.0	−1.3	−1.9	−.7	+4.3	+7.4	+1.9	−.5	+2.6	−.8	−5.7
1902	−.9	−9.1	+1.3	−1.3	+4.9	−2.7	−1.0	−1.5	−6.2	+2.0	+5.7	−3.5
1903	+.4	−3.3	+2.8	+.7	+.6	−6.3	−.6	−2.0	−2.8	−.2	−3.5	−4.0
1904	−4.0	−3.1	+.8	−6.2	−1.4	−3.1	−3.8	−2.8	+.2	+.1	+1.9	−1.3
1905	−8.7	−11.6	+6.3	−.3	+.4	+1.6	−4.6	−.1	+.2	−2.4	+1.4	−.9
1906	+4.6	+.6	−9.4	+4.3	+1.8	−.9	−3.3	+.1	+2.5	−1.2	−1.9	+1.9
1907	+3.3	+1.7	+9.9	−6.5	−5.0	−2.4	+.4	+.8	−.5	−.8	−.6	+3.5
1908	+3.4	+2.5	+6.1	+1.4	+1.6	−1.3	−1.5	−.1	+2.2	−1.2	+3.2	+4.2
1909	+2.7	+5.7	+.5	−.4	−1.2	+.3	−1.3	+3.0	−.7	−.3	+9.2	−9.3
1910	+1.3	−4.8	+11.8	−.4	−4.4	−3.2	−1.2	−1.8	+.1	+1.9	−2.4	−3.0
1911	+3.6	+5.0	+2.8	−1.7	+4.3	+5.3	0	−1.1	+4.3	−.6	−5.3	+2.5
1912	−11.0	−4.8	−8.8	+.8	+3.1	−4.1	+.8	−.3	−.8	+1.6	+1.5	+2.3
1913	+2.1	+3.3	+3.4	+1.0	+1.3	+1.8	+2.2	+6.3	0	−2.8	+7.3	+4.1
1914	+7.1	−4.8	−.8	0	+2.1	+5.7	+2.5	+1.5	+.2	+1.7	+4.2	−7.4
1915	−1.9	+6.3	−7.6	+.7	−.8	−2.8	−3.4	−6.7	+1.2	+2.3	+5.1	+.5
1916	+.6	−1.7	+3.0	−1.7	+1.1	−3.6	+3.6	+2.7	−1.6	+.5	+2.5	−2.9
1917	+1.9	−2.6	+1.2	−2.0	−5.8	−2.6	−.5	−3.2	−1.5	−7.7	+1.7	−8.7
1918	−14.6	+1.8	+6.9	−4.4	+3.8	+3.6	−.9	+5.3	−7.1	+3.1	+.5	+5.8
1919	+3.0	+2.2	+2.3	+.1	−2.5	+1.4	+2.0	−.8	+2.0	−.9	−2.2	−5.7
1920	−2.4	+1.4	+.6	+5.0	−.7	−.9	−1.7	−3.4	+.6	+3.8	−3.5	+1.4
1921	+6.1	+7.0	+7.9	+.8	+1.9	+3.0	+2.3	+.3	+4.0	+.4	+1.2	+2.7
1922	−1.5	+2.3	+1.6	+2.1	+2.7	+2.9	−1.2	+1.0	+2.3	+2.4	+3.4	+2.1
1923	+8.2	−2.9	−3.6	−1.0	−1.8	−.1	+.2	+.8	−.7	−4.5	+.7	+6.8
1924	−6.1	+.7	−5.6	+1.4	−5.9	−1.1	−4.7	+.7	−5.4	+4.3	+2.3	−6.5
1925	−1.3	+5.6	+3.7	+5.8	−3.3	−2.9	−.1	0	+5.2	−8.9	−1.6	−2.6
1926	+1.7	+6.3	−4.4	−5.3	+2.5	−2.7	0	+1.0	−.1	−.2	−4.8	−1.6
1927	−.2	+8.2	+5.9	+2.5	−1.1	−3.3	−2.2	−5.4	+2.2	+3.4	+2.4	−4.3
1928	+2.3	+3.9	+2.3	−3.6	+1.3	−5.9	−.8	−.1	−4.4	+3.4	+.2	+2.0
1929	−5.9	−8.1	+4.6	+2.2	−2.8	−2.3	−.2	−.5	−2.0	−.3	−5.4	+1.0
1930	−10.2	+11.4	−.8	+3.9	+.2	−1.2	+3.2	+2.0	+1.9	−2.2	+1.4	0
1931	+5.0	+7.8	−4.5	−.4	−3.5	+3.5	+2.3	−1.6	+5.6	+4.2	+7.8	+8.5
1932	+5.4	+9.3	−5.7	+2.4	+1.6	+1.6	+1.8	+.7	−1.6	−1.8	−4.9	−3.0
1933	+10.4	−.9	+.1	−.3	+1.4	+4.8	+1.3	−1.1	+5.2	−1.1	+1.5	+4.9
1934	+5.1	−.6	−2.8	+1.3	+4.5	+6.8	+8.2	+4.1	−3.8	+3.6	+4.1	−2.6
1935	+2.0	+4.3	+6.4	−2.9	−4.2	−4.0	+2.8	+1.2	−1.3	−.4	−2.2	−3.5
1936	−6.6	−9.9	+5.4	−2.2	+4.3	+2.9	+7.3	+8.1	+4.2	−.8	−2.2	+4.2
1937	−2.5	−.7	−3.6	−.7	+1.7	+.8	−.1	+4.0	0	−1.2	−3.4	−2.2
1938	+2.1	+8.3	+9.6	+1.5	+.5	−1.2	+1.7	+4.6	+2.2	+6.4	+1.5	+1.7
1939	+8.0	−.1	+3.1	−1.8	+2.9	+1.0	+2.0	−1.1	+6.1	+3.6	−.9	+4.6
Average 1888–1939	31.0	33.1	44.0	55.2	64.5	73.6	78.0	76.5	69.4	57.5	44.4	34.2

TABLE 21.—*Montana: Precipitation and temperature departure from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1895	+0.40	−0.06	−0.43	−0.26	−0.88	−0.13	−0.29	−0.57	−0.17	−0.62	+0.02	−0.12
1896	+ .19	− .14	+ .04	+ .48	+ .91	− .67	− .23	− .20	+ .41	− .55	+1.70	− .48
1897	− .13	+ .25	+ .36	− .17	−1.27	+ .90	+ .22	− .79	− .13	− .04	+1.69	− .04
1898	− .50	− .10	+ .99	− .07	+1.19	+ .31	− .06	− .41	− .32	+ .37	− .22	− .54
1899	+ .35	+ .32	+ .15	− .07	+ .50	− .56	− .06	+ .26	− .54	+ .42	− .42	+ .16
1900	− .51	− .05	− .04	+ .80	+ .27	−1.25	− .75	+ .71	+ .41	+ .11	− .21	− .34
1901	− .08	− .08	− .18	+ .06	+ .54	+ .59	− .34	− .63	+ .80	− .69	− .40	+ .54
1902	− .53	+ .24	− .13	− .19	+1.54	− .46	+ .62	− .19	− .81	− .81	+ .33	+ .28
1903	+ .02	− .30	− .06	+ .18	+ .01	− .61	+1.20	+ .29	+ .04	− .53	+ .29	− .22
1904	+ .01	+ .63	+1.03	− .48	− .72	−1.01	− .36	− .41	−1.00	− .70	− .73	− .07
1905	− .30	− .31	− .09	− .30	+ .13	+ .98	− .04	− .56	− .30	− .04	− .04	− .67
1906	− .04	− .03	− .27	0	+1.79	+ .96	− .83	+1.11	− .29	− .21	+ .60	+ .57
1907	+ .66	+ .27	+ .30	− .03	+ .16	+1.43	+ .68	+ .65	− .04	− .73	− .49	− .22
1908	− .24	+ .15	+ .66	− .14	+2.57	+ .92	− .34	− .10	+ .31	+1.19	− .59	− .36
1909	+1.04	+ .02	− .09	+ .09	+ .31	+ .47	+1.41	− .37	+ .98	− .47	+1.16	− .06
1910	+ .16	+ .65	− .26	+ .03	+ .16	− .91	− .59	− .16	+ .99	+ .37	+ .84	− .42
1911	+ .39	0	− .58	+ .07	+ .61	+ .71	− .45	+ .67	+1.01	+ .38	+ .18	− .28
1912	− .07	− .26	− .19	+ .45	+ .86	−1.03	+ .85	+1.01	+ .46	+ .57	− .27	− .17
1913	+ .53	− .39	+ .12	− .32	− .29	+ .81	+ .14	+ .20	− .30	+ .64	− .12	− .74
1914	+ .07	+ .15	− .29	+ .02	− .26	+1.26	− .59	− .11	+ .19	+ .89	− .24	− .59
1915	− .34	− .24	− .26	− .21	+ .71	+1.43	+2.18	− .12	+ .85	− .38	+ .08	+ .10
1916	+ .52	+ .31	+ .23	− .18	+ .04	+1.49	+ .78	+ .18	+ .32	+ .08	− .26	+ .18
1917	− .01	+ .39	− .02	+ .45	+ .18	− .89	−1.13	− .61	+ .25	− .34	− .76	+2.06
1918	+ .52	− .04	− .24	− .04	− .83	−1.51	+ .53	+ .97	+ .30	+ .03	− .29	− .44
1919	− .32	+ .31	− .32	− .45	− .65	−1.83	− .72	− .46	− .40	+ .47	+ .05	− .03
1920	+ .05	− .26	+ .09	+ .82	− .09	− .32	− .13	+ .17	− .25	+ .08	− .51	− .29
1921	− .24	− .29	+ .37	+ .13	− .17	+ .12	− .02	− .51	− .11	− .71	+ .75	+ .09
1922	− .24	0	− .29	+ .73	+ .29	− .28	+ .55	+ .28	− .66	− .09	− .17	+ .40
1923	+ .26	− .18	− .34	− .03	+ .06	+1.51	+ .96	+ .61	+ .04	+ .25	− .22	− .01
1924	− .26	+ .08	+ .20	− .32	−1.27	+ .26	− .27	− .08	− .46	+ .20	+ .27	+ .12
1925	+ .13	− .03	+ .14	+ .74	− .75	+ .36	− .37	− .19	+1.05	+ .39	− .61	− .04
1926	− .26	+ .01	− .60	− .70	− .58	− .49	− .28	+ .56	+1.10	− .45	+ .63	− .12
1927	+ .04	+ .27	− .32	+ .06	+2.65	− .59	+ .14	+ .90	+ .54	+ .34	+1.54	+ .32
1928	+ .12	− .47	− .13	− .11	−1.44	+ .67	+ .95	+ .19	− .97	− .09	− .60	− .18
1929	+ .01	− .10	+ .26	− .16	− .46	− .38	− .85	− .75	− .09	− .19	− .48	+1.04
1930	− .35	− .06	− .06	+ .32	− .76	− .94	− .42	− .10	+ .30	+ .40	− .08	− .72
1931	− .54	− .37	− .11	− .57	−1.23	−1.14	+ .14	− .64	+ .38	− .62	− .03	− .26
1932	− .21	− .03	+ .50	+ .58	− .34	+ .33	− .12	+ .70	−1.01	+ .49	+ .30	− .02
1933	+ .10	+ .01	− .41	+ .32	+ .23	− .88	− .92	+1.24	− .42	+ .66	− .22	+1.47
1934	− .04	− .47	+ .42	− .59	−1.41	+ .37	− .70	− .78	− .24	+ .30	− .30	+ .08
1935	+ .13	− .56	+ .34	+ .02	− .54	− .97	+ .19	− .46	−1.04	− .27	− .40	− .55
1936	+ .27	+ .71	− .17	− .30	−1.03	− .64	− .66	− .18	− .36	− .49	− .66	+ .17
1937	− .09	+ .09	− .26	− .09	−1.49	− .01	+ .19	− .51	+ .11	− .09	+ .14	+ .37
1938	− .25	+ .04	+ .29	− .36	+ .95	+ .52	+ .62	− .18	− .45	+ .64	− .01	− .25
1939	− .24	+ .05	− .27	− .33	− .22	+1.05	− .71	− .46	− .39	− .20	+ .78	+ .10
Average 1895–1939	.94	.76	.99	1.11	2.11	2.47	1.39	1.08	1.33	1.07	1.01	.97

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1895	− 4.7	− 2.5	− 0.3	+4.5	+0.5	−1.5	−0.6	+0.2	−2.2	+0.7	− 1.2	+ 0.2
1896	+ .9	+ 8.1	− 3.8	−2.1	−2.7	+2.8	+1.9	− .1	−3.0	+1.0	−13.3	+ 9.3
1897	− .4	+ .1	− 9.8	+2.5	+2.4	+ .7	−2.0	+3.0	+3.2	+ .9	− 5.5	− 1.1
1898	+ 2.5	+ 7.2	− 6.5	+1.5	− .1	0	− .5	+3.3	+ .5	−4.6	− 3.0	− 2.4
1899	+ 1.3	−11.4	− 8.1	−2.6	−3.7	−1.8	− .1	−3.5	+2.7	−3.0	+ 7.4	+ .8
1900	+ 8.5	− 1.6	+ 4.5	+4.5	+4.2	+5.8	− .8	−1.9	−1.4	+1.0	− 4.5	+ 6.4
1901	+ 1.2	− 2.4	+ 3.3	0	+6.2	−5.1	+1.9	+2.6	−4.6	+4.1	+ 4.0	+ 1.6
1902	+ .8	+ 2.2	+ .1	−2.1	+1.7	−3.4	−4.2	−1.5	−2.0	+1.6	− 1.7	− 3.3
1903	+ 5.7	− 4.6	− 3.3	−1.7	−2.8	+2.1	−4.4	−1.7	−3.2	+2.5	− 3.4	+ 3.4
1904	+ 3.6	− 3.9	− 5.6	+1.3	− .3	−1.2	−1.0	+ .4	+1.5	+2.8	+ 7.3	+ 3.3
1905	− 1.0	− 5.2	+ 7.3	+ .6	−2.8	−2.7	− .9	+2.8	+3.5	−4.9	+ 1.0	− .5
1906	+ 5.1	+ 4.9	− 6.0	+3.8	−1.7	−3.1	+ .7	− .6	+3.1	+2.0	− 2.1	+ 1.7
1907	−12.3	+ 3.9	+ 1.0	−3.9	−4.0	−3.0	−3.4	−3.8	−1.5	+4.2	+ 3.5	+ 3.5
1908	+ 6.0	+ 2.7	− .3	+2.3	−2.0	−3.2	+ .9	−2.3	+2.2	−2.5	+ 2.8	+ 1.2
1909	− 5.4	+ 2.5	+ 1.4	−6.7	−3.0	− .1	−2.2	+ .9	+1.9	+ .4	+ 1.7	− 7.9
1910	+ .8	− 6.4	+12.0	+7.3	+1.3	+1.9	+1.5	−3.5	−1.4	+3.6	+ .9	+ 2.0
1911	− 2.8	− 4.6	+ 6.5	−2.6	−1.8	+2.0	−3.8	−4.4	−2.3	−2.9	− 7.4	− 1.3
1912	− 1.3	+ 4.1	−10.0	+1.0	− .8	+1.3	−4.8	−3.6	−6.5	−2.7	+ 4.6	+ 4.5
1913	− 3.6	− 5.4	− 5.8	+1.4	−1.0	+1.8	−3.4	+ .8	+1.0	−3.8	+ 4.2	+ 1.9
1914	+ 7.0	− 2.0	+ 3.3	+ .8	+ .8	−1.4	+1.7	− .6	+ .2	+ .7	+ 5.4	− 7.2
1915	+ .7	+ 5.5	+ 2.1	+5.9	−1.6	−5.0	−6.8	+2.2	−3.8	+2.8	+ .2	+ 1.4
1916	−19.6	− .2	+ 4.4	− .1	−5.1	−4.4	− .8	−1.8	−1.1	−4.4	− 2.6	− 9.8
1917	− 2.8	− 4.8	− 8.1	−5.2	−2.9	−3.2	+3.0	− .6	+1.8	−2.0	+ 7.8	− 1.5
1918	− 1.7	− 1.0	+ 6.0	−2.2	−2.6	+5.0	−1.2	−2.1	+ .3	+3.3	− 1.6	+ 4.0
1919	+ 9.6	− 1.8	− 2.6	+2.1	+1.6	+4.4	+2.4	+2.1	+1.0	−9.6	− 7.0	− 6.9
1920	+ 2.5	+ 3.4	− 2.0	−6.7	−2.0	−2.2	+1.6	+1.1	+ .4	− .5	− 1.5	+ 2.2
1921	+ 6.6	+ 8.2	+ 2.0	−1.9	− .5	+3.3	0	+1.3	−4.1	+4.0	− 2.2	− 2.1
1922	− 4.5	−10.7	− 2.0	−2.7	−1.5	+3.3	0	+2.8	+5.6	+4.2	− 1.4	− 6.7
1923	+ 5.8	− 4.9	− .7	−1.5	− .2	− .3	+2.1	−1.2	+2.1	−2.2	+ 4.5	+ 1.7
1924	− 4.1	+ 9.5	− 2.1	−2.0	+ .4	−2.8	−1.0	−1.9	+ .2	+1.7	− .8	−10.3
1925	+ 3.5	+ 8.4	+ 3.0	+3.7	+2.4	+ .4	−1.2	− .5	− .1	−9.6	+ 1.0	+ 6.7
1926	+ 5.7	+10.5	+ 4.2	+3.0	+2.1	+ .7	+2.0	− .7	−6.6	+2.2	+ .2	− 1.8
1927	− .8	+ 1.0	+ 2.0	−2.3	−5.1	− .3	−1.5	−2.3	−1.1	+2.5	− 2.3	−13.3
1928	+ 2.8	+ 2.4	+ 4.5	−3.3	+5.2	−3.6	− .6	−2.5	+ .1	−1.5	+ 1.4	+ .4
1929	−12.0	− 9.2	+ 3.4	−3.6	−2.2	−1.3	+1.2	+4.2	−4.1	+1.4	− 1.7	+ .2
1930	−15.9	+10.1	− .1	+6.6	− .7	+ .1	+2.3	+3.6	+1.2	−4.7	− .7	+ 3.0
1931	+ 9.1	+ 9.4	+ 1.9	+ .9	+1.8	+4.1	+1.3	+2.0	+1.7	+1.0	− 3.6	+ .9
1932	− 1.3	+ 1.8	− 5.8	+1.5	+1.7	+1.8	+ .4	+1.0	+ .3	−2.6	+ 2.8	− 5.8
1933	+ 3.3	− 5.5	+ 3.5	−2.4	−2.0	+5.3	+2.6	+ .4	− .1	+1.5	+ 4.8	+ 1.5
1934	+10.0	+ 9.1	+ 5.2	+5.2	+7.7	+ .3	+1.9	+1.5	−3.6	+3.4	+ 6.0	+ 1.2
1935	− 1.4	+ 7.0	− 1.9	−5.3	−3.2	−1.1	+1.6	− .6	+2.5	−1.2	− 4.9	+ 3.1
1936	− 1.9	−21.5	− .1	−1.0	+6.8	+3.9	+6.6	+2.3	+1.3	+1.6	− 1.1	+ .6
1937	−19.4	− 4.3	− .3	− .7	+2.7	+ .3	+2.4	+ .8	+3.0	+3.1	+ .3	+ .3
1938	+ 4.9	− 3.0	+ 2.1	+ .4	−1.4	+1.7	+ .2	− .1	+7.1	+2.6	− 3.2	+ 3.3
1939	+ 8.9	− 6.2	+ 2.1	+2.7	+3.8	−4.0	+2.1	+1.2	+2.4	+ .3	+ 5.7	+ 8.7
Average 1895–1939	19.6	22.0	31.1	43.1	52.0	59.9	67.1	65.0	55.2	44.9	32.2	23.3

TABLE 22.—*Nebraska: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1876	−0.37	−0.24	+0.41	−1.09	−0.85	−1.85	+0.07	+0.85	+1.25	−0.41	+0.03	−0.46
1877	+.40	−.40	−.33	+.41	+2.06	−.13	−1.92	−.87	−.07	+1.75	−.13	+1.30
1878	−.17	−.42	+.90	−.70	+.50	+1.59	+2.34	−.74	−.02	−1.08	−.11	−.25
1879	+.27	−.03	−.45	+.18	+.01	+.58	+3.19	−1.23	−.59	−.46	+.75	−.08
1880	−.18	−.50	−.62	−1.56	−1.50	+.94	+.16	+.92	+.12	+.02	−.23	+.02
1881	+.31	+.90	+.64	−.30	+2.07	+1.12	+.40	−1.42	+1.03	+1.98	+.34	−.31
1882	−.01	−.06	−.89	+1.33	+1.58	+.53	+.34	−1.61	−1.14	+.50	−.36	+.30
1883	+.26	+.20	−.60	+.27	+1.73	+3.67	−.04	+.31	+.04	+2.11	−.52	+.38
1884	−.03	−.12	+.87	+.07	−.32	−1.48	+2.84	+.42	+.53	+.05	−.55	+.33
1885	+.15	+.39	−.54	+.41	+.13	−.11	+1.44	+.61	−.51	+.42	+.29	+.43
1886	+.81	+.20	+.88	+.23	−.21	−.74	−1.30	+.55	+.49	−.80	+.34	+.12
1887	−.10	+.22	−.67	+.18	−.96	−.57	−.36	+1.16	+1.43	−.98	−.06	−.05
1888	−.15	+.10	+.95	−.03	+2.45	−.53	−.26	+.22	−1.59	−.50	−.54	−.30
1889	+.35	−.39	+.07	−.14	−.57	−.22	+2.28	−.30	−.60	−.50	+.05	−.29
1890	+.20	−.33	−.21	−.43	−1.02	+.05	−.98	−.53	−1.15	−.57	+.07	−.51
1891	+.74	+.38	+.91	+.80	−.57	+3.43	+2.32	+.32	−.74	+.47	−.40	+.40
1892	+.32	+.31	+.56	+1.49	+2.56	−1.40	−.50	+.35	−1.51	+.13	−.51	−.05
1893	−.38	+.15	+.20	−1.23	−.86	−1.04	−.58	−.43	−1.09	−1.13	−.42	+.13
1894	+.03	−.09	−.15	−.43	+2.59	+.32	−1.72	−2.00	−.79	−.28	−.62	−.30
1895	−.16	+.17	−.43	−.03	−1.05	+1.11	−1.19	+.37	−1.79	−1.26	+.17	−.49
1896	−.14	−.54	+.32	+2.46	+.62	+.35	+.44	−.80	+.36	+.37	+.30	−.44
1897	+.16	−.16	+.53	+1.56	−1.82	+.07	−.67	0	−.67	+1.81	−.44	+.55
1898	+.13	−.29	−.50	−.16	+1.36	−.23	−.97	−.63	+.43	−.54	−.19	−.35
1899	−.25	−.06	−.17	−1.41	−.04	+.46	−.14	+.42	−1.60	−.56	+.24	+.10
1900	−.45	+.42	−.47	+2.28	−1.20	−1.04	+1.29	+.74	+.37	+.37	−.58	−.36
1901	−.35	+.09	+.97	+.10	−1.70	+.80	−1.49	−.16	+2.37	+.19	−.26	−.11
1902	+.09	−.25	+.13	−1.28	+.93	−1.59	+2.61	+.48	+1.67	−.52	−.25	+.69
1903	−.28	+.91	−.39	−.64	+3.69	−1.46	+1.86	+1.99	−.76	−.24	0	−.57
1904	−.16	−.56	−.56	−.34	+.23	+1.33	+1.10	+.06	+.01	+.99	−.63	−.48
1905	+.50	+.06	+.22	+1.30	+1.91	+1.53	+1.80	+.19	+1.52	−.15	+.72	−.63
1906	−.06	−.09	+.83	+2.09	−.94	−1.09	−.39	+.74	+.01	+1.28	−.10	+.20
1907	−.01	−.03	−.63	−1.36	−.67	+.24	+1.14	−.15	+.38	−.86	−.49	+.02
1908	−.33	+.34	−.69	−1.28	+1.37	+2.82	+1.17	+1.01	−1.31	+1.23	+.03	−.43
1909	−.17	+.32	−.01	−.38	−.28	−.58	+.61	+.78	+.81	−.33	+1.72	+1.00
1910	+.09	−.58	−.80	−1.75	−.54	−1.10	−1.46	+1.49	+.24	−.87	−.60	−.01
1911	−.17	+.28	−.68	+.17	−1.18	−2.09	−.17	+.83	+.01	+1.64	−.50	+.51
1912	−.07	+.28	+1.28	−.21	−1.79	−1.27	+.14	+.39	+.57	−.17	−.17	−.44
1913	−.22	+.18	+.35	+.25	−.05	−.87	−.85	−1.35	+.37	−.95	−.03	+2.51
1914	−.32	−.08	−.06	+.21	−.81	+1.05	−1.20	+.08	−.06	+.01	−.72	+.05
1915	+.50	+1.15	+.90	+1.05	+1.72	+2.41	+3.16	+1.10	+1.39	−.19	−.16	0
1916	+.29	−.32	−.65	−.83	−.04	−.31	−1.32	+.78	−.72	−.29	−.17	−.15
1917	0	−.47	+.11	+.69	+1.36	−.57	−1.93	−.41	+.77	−1.11	−.20	−.27
1918	+.24	+.01	−.62	−.18	+.60	−1.77	+.03	−.40	−.41	+1.17	+.41	+.73
1919	−.42	+1.10	−.20	+.69	−.94	+1.32	−.49	−1.30	+.76	+.30	+1.78	−.08
1920	−.36	−.20	−.29	+2.71	−.08	−.74	−.46	+.97	−.86	+.77	+.36	+.08
1921	+.24	−.26	−.48	−.36	+.14	−1.29	+.85	0	+.18	−.30	−.43	−.35
1922	+.17	−.34	−.01	+.37	−.57	−1.36	+1.18	−.94	−1.23	−.89	+1.76	−.54
1923	−.21	−.51	+.19	+.16	+1.97	+1.08	−.33	+1.85	+1.56	+.41	−.36	−.16
1924	−.17	+.08	+.73	−1.69	−1.48	−.30	−.72	−.63	+.23	−.47	+.49	+1.21
1925	−.24	−.12	−.38	+.08	−1.32	+.65	−.97	+.73	−.27	+.25	−.44	+.26
1926	+.36	−.39	−.43	−1.82	−.79	−.86	−.30	+.91	+1.37	−.44	+.75	−.08
1927	−.27	+.27	+1.48	+2.45	−1.09	+.16	−1.21	+.64	+.30	−.88	−.47	−.30
1928	−.36	+.23	−.05	−1.93	+.18	+1.14	+1.02	−1.19	−.84	+1.38	+1.20	−.53
1929	−.17	+.30	−.35	+.93	−.67	−.49	0	−1.29	+.78	+1.55	+.23	−.61
1930	+.25	−.32	−.68	+1.33	+1.72	−.34	−1.57	+1.40	−.38	+1.27	+1.18	−.48
1931	−.32	−.03	+.71	−1.01	+1.31	−1.21	−1.24	−.45	+.16	−.29	+1.38	+.34
1932	+.64	−.01	−.33	−.29	−.73	+.48	−.23	+.22	−.66	−.26	−.61	−.23
1933	−.33	−.50	+.89	+.60	−.42	−2.60	−.30	+1.30	+.40	−1.40	−.44	+.49
1934	−.24	+.17	−.44	−1.83	−2.36	−.56	−2.10	−1.00	+.43	−.61	+.46	−.20
1935	−.34	−.10	−.33	+.84	+3.03	+.12	−1.88	−.11	−.32	−.67	+.27	−.42
1936	+.40	+.11	−.51	−.78	−.24	−1.62	−2.57	−1.11	−.26	−1.09	−.47	+.01
1937	+.37	−.47	+.32	−1.22	−.84	−.34	−.44	−.84	−.54	+.04	−.54	−.39
1938	−.17	−.06	−.66	+.65	+1.55	−.99	+.09	−.76	+.85	−1.29	−.03	−.50
1939	+.18	+.17	+.13	−.97	−.91	+.21	−1.31	−.69	−1.60	−.79	−.71	+.02
Average 1876–1939	.52	.70	1.08	2.37	3.44	3.63	3.14	2.73	2.04	1.47	.75	.68

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1876	+2.0	+3.7	−9.9	+0.7	+1.8	+0.7	+0.6	+0.3	−3.4	−3.2	−5.1	−6.8
1877	−3.9	+8.2	−3.7	−2.9	−1.5	−3.1	−.1	−.4	+1.4	−5.0	−4.0	+6.4
1878	+2.9	+8.0	+7.6	+2.3	−4.5	−3.1	+.2	+1.2	−4.1	−3.1	+2.6	−7.2
1879	−1.7	−3.4	+3.6	+2.5	+3.7	+.6	−.1	−.3	+6.8	+2.8	−1.4	−10.7
1880	+9.3	+2.3	−3.7	−.4	+4.0	−.4	−1.9	0	−2.8	−4.7	−13.6	−9.5
1881	−11.8	−7.8	−6.2	−3.5	+5.4	+3.5	+.5	+5.6	−1.8	−.3	−3.3	+6.1
1882	−1.5	+6.5	+2.7	−.4	−4.7	−.4	−4.5	+.2	+1.6	+3.3	−1.3	−3.6
1883	−11.4	−8.8	−2.9	+.6	−3.9	−1.0	−1.3	−1.9	−5.0	−5.4	+.3	−.8
1884	−5.3	−8.5	−2.9	−6.5	−.7	+2.4	−.6	−2.9	+1.8	+3.4	−.1	−12.0
1885	−10.0	−8.0	−.9	0	−1.2	−.8	−.2	−3.4	−.6	−2.8	+2.0	+4.7
1886	−11.6	+4.3	−5.7	−.5	+4.8	+.3	+2.1	+2.1	−2.2	+3.5	−4.7	−5.9
1887	−7.1	−7.8	+2.3	+2.6	+3.7	+1.6	+1.0	−2.7	−.7	+3.9	−1.2	−4.1
1888	−11.0	+3.2	−8.7	+2.8	−4.9	+1.6	+.6	−3.7	−1.9	−3.1	−1.6	+3.9
1889	−.1	−2.7	+3.0	+2.0	−1.9	−1.4	−2.1	−.5	−4.7	−1.6	−4.7	+9.8
1890	−5.6	−.4	−2.4	+1.8	−.5	+2.1	+2.7	−2.6	−2.0	−2.1	+1.7	+5.6
1891	+5.0	−8.7	−9.4	+2.1	−.2	−3.4	−5.4	−2.3	+2.2	−.7	−2.7	+4.4
1892	−3.9	+1.7	−3.3	−3.5	−7.5	−1.7	−.9	−.5	+1.6	+1.7	−.8	−3.2
1893	+.6	−4.1	−4.4	−2.8	−2.5	+2.1	+.2	−3.0	+.9	+1.0	+1.9	+1.9
1894	−3.0	−6.6	+2.5	+2.7	+3.3	+2.1	+1.0	+2.6	−.5	+.8	+.5	+3.7
1895	−2.6	−4.8	−.1	+5.6	+2.1	−1.5	−2.1	+.4	+3.6	−2.7	−2.1	+2.5
1896	+6.8	+7.2	−5.0	+3.2	+4.7	+1.6	−.7	+.4	−3.9	−2.7	−9.2	+8.2
1897	0	+2.1	−1.9	−1.1	+2.1	+.2	+.7	−2.2	+6.6	+2.3	−1.7	−2.6
1898	+4.6	+5.2	+.2	−.2	−2.1	+1.2	−.9	+1.5	−.7	−4.3	−5.1	−2.5
1899	+.9	−13.7	−9.2	+.1	+.1	+.3	−1.9	+1.4	+.1	+1.3	+6.5	−.6
1900	+7.8	−4.7	−.3	+2.3	+4.3	+3.0	−1.0	+3.8	+.4	+4.8	−1.3	+5.8
1901	+4.1	−4.4	−.9	−.4	+1.4	+1.5	+6.3	+2.0	−1.9	+2.7	+3.0	−1.5
1902	+2.3	−4.8	+2.8	+.1	−3.8	−3.1	−1.2	−4.6	+2.2	+.2	−5.0	
1903	−2.5	−6.7	−.7	+.3	+1.4	−5.3	−2.6	−2.8	−3.8	+1.8	+.2	+2.2
1904	+.7	−1.1	+2.3	−3.2	−.4	−3.5	−4.3	−2.3	−.8	+2.3	+5.1	+2.3
1905	−5.2	−10.1	+6.8	+2.7	−3.3	−1.2	−4.9	+.8	+1.6	−3.6	+3.6	+3.3
1906	+7.4	+3.6	−10.6	+3.1	+.8	−2.7	−5.2	−.9	+.3	−2.5	−.7	+4.6
1907	−2.7	+4.1	+6.7	−6.4	−5.8	−2.5	−2.0	−.3	−1.1	+1.2	+.1	+2.9
1908	+7.4	+2.9	+3.5	+2.2	−2.4	−2.9	−2.6	−2.8	+3.7	−1.3	+2.0	+2.5
1909	+.9	+2.2	−1.4	+4.3	+2.0	−.5	−.9	+3.6	−.5	−.3	+2.9	−12.0
1910	−.1	−1.5	+14.6	+3.9	−4.2	−.1	−.1	−2.9	+.5	+4.1	+1.0	+.9
1911	+4.1	+2.3	+7.1	−1.4	+1.7	+5.5	−1.3	−2.6	+3.0	+3.9	−5.0	−1.6
1912	−9.0	+.3	−12.3	−.1	+1.3	−4.0	−.7	−1.6	−5.2	+.3	+4.4	+3.8
1913	+.8	−5.6	−3.6	+1.9	+.2	+1.4	+.4	+4.7	−.7	+3.7	+6.4	+1.9
1914	+9.0	−3.4	+.4	+.5	+1.1	+2.9	+1.4	+.6	+1.3	+2.6	+5.7	−9.5
1915	−2.5	+2.6	−10.2	+6.0	−3.6	−5.3	−5.8	−5.9	−1.5	+3.4	+4.2	+2.0
1916	−7.1	+1.1	+5.0	−1.4	−.9	+4.6	+3.9	0	−1.5	+1.2	−.4	−6.8
1917	−.1	+1.5	+14.6	+3.9	−4.2	−2.6	+1.0	−3.7	−.1	−6.2	+7.3	−5.4
1918	−8.9	+1.5	+8.3	−5.7	+2.7	+4.0	−1.1	+1.9	−4.8	+3.7	+1.1	+3.7
1919	+7.3	−1.3	+1.2	−1.7	−1.6	+.5	+2.2	0	+3.5	−5.4	−6.0	−6.3
1920	+4.4	+3.1	+1.2	−9.0	−1.6	−.9	−1.1	−3.5	+.8	+3.9	−1.9	+.5
1921	+7.5	+7.7	+7.2	+.4	+1.2	+3.3	+1.1	+.3	+2.0	+3.8	−.1	+3.3
1922	−1.8	−2.6	+2.1	−.3	+.7	+2.6	−3.0	+3.2	+4.1	+2.9	+2.4	0
1923	+8.5	−1.4	+3.4	−1.1	−1.9	−.3	+1.3	−2.3	−.1	−3.8	+4.6	+4.4
1924	−5.7	+4.7	−0.8	−.8	−2.4	−3.7	+.4	−4.0	+5.2	+2.4	−10.3	
1925	−2.5	+7.4	+5.2	+5.9	−.7	+1.3	+.1	−.3	+3.2	−10.8	+1.1	+.4
1926	+4.2	+9.9	0	−.9	+4.7	−1.1	+.4	+1.7	−2.2	+2.3	−3.0	−1.2
1927	+3.2	+6.1	+.2	0	−.2	−2.6	−2.0	−5.0	+.7	+4.3	+1.1	−7.3
1928	+6.6	+4.8	+4.3	−2.8	+2.8	−6.5	−1.3	+.6	−1.8	+.8	+.7	+2.7
1929	−6.2	−8.2	+4.0	+1.0	−1.9	−1.9	+1.0	+2.6	−4.3	+.6	−5.2	+2.8
1930	−11.4	+13.9	+.3	+4.5	+2.0	−3.3	+3.3	+1.1	−.9	+2.3	+4.7	+3.3
1931	+9.7	+11.3	+1.9	−.9	−1.7	+6.3	+2.0	+.4	+6.8	+4.1	+1.7	+4.6
1932	−2.2	+4.9	−6.1	+3.4	+3.1	+.8	+2.3	+1.6	−.9	+2.5	+1.2	−5.2
1933	+10.2	−1.9	+2.3	−.1	−1.5	+8.2	+2.3	−1.7	+4.9	+1.6	+4.7	+6.3
1934	+9.0	+4.9	+1.7	+3.0	+10.0	+5.5	+7.1	+3.2	−4.5	+5.9	+5.0	+.3
1935	+4.7	+8.2	+6.2	−3.4	−6.6	−2.9	+5.6	+2.1	+.3	−1.5	−2.3	+2.5
1936	−4.8	−17.1	+4.0	−2.0	+4.9	+3.3	+8.3	+6.2	+3.2	−1.1	+.6	+3.4
1937	−12.7	−.9	+1.7	−.9	+2.9	−.7	+3.2	+7.0	+3.1	+.4	−.9	+.6
1938	+5.5	+2.6	+6.6	+1.2	−1.1	+1.4	+1.9	+4.8	+3.2	+7.9	−.9	+3.8
1939	+9.5	−4.5	+3.2	+.4	+6.6	+.9	+4.9	+.3	+5.4	+2.2	+4.1	+8.3
Average 1876–1939	22.6	26.0	36.5	49.1	59.3	69.4	75.3	73.2	64.2	51.4	36.8	26.4

TABLE 23.—*Nevada: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1889	−0.55	−0.89	+0.46	−0.32	+0.57	−0.28	−0.22	+0.57	−0.26	+0.90	+0.42	+3.11
1890	+2.63	+.48	+.72	−.05	+.18	−.45	−.24	+1.57	+.39	−.33	−.48	+.02
1891	−.97	+1.32	+.56	+.74	+1.56	+.68	+.14	−.05	+.52	−.54	−.57	+1.77
1892	−.65	−.12	+.82	−.15	+.30	+.56	+.28	−.48	−.33	−.26	+1.42	+.25
1893	+.41	+.36	+.91	+.37	−.46	−.46	+.01	−.23	+.09	−.46	+.17	−.29
1894	+.24	+.85	+.03	−.18	−.07	+.62	+.36	−.04	−.07	−.25	−.58	+1.52
1895	+1.24	+.16	−.17	−.35	−.32	−.37	−.34	−.34	−.15	−.32	+.01	−.56
1896	+.62	−1.05	+.16	+.23	+1.16	−.28	+.40	+.33	−.07	−.34	+.44	−.58
1897	−.26	+1.02	+.40	−.40	−.28	−.13	−.11	−.18	−.26	+1.13	+.03	+.08
1898	−.49	−.78	−.36	−.06	+.97	−.31	−.27	−.04	−.22	−.35	+.44	−.50
1899	+.02	−.52	+.84	−.40	−.19	+.10	−.25	+.33	−.37	+.14	−.16	+.17
1900	−.76	−.56	−.48	+1.21	−.10	−.18	−.02	−.45	−.12	+.22	+.68	−.79
1901	+.33	+1.54	−.40	−.18	−.01	−.35	−.08	+1.56	−.03	+.53	−.13	−.29
1902	−.67	+.35	+.48	−.02	−.50	−.46	+.05	−.27	−.21	−.32	+.59	−.63
1903	+.63	−.51	+.42	−.30	−.17	−.05	−.38	−.39	−.24	−.29	+.01	−.84
1904	−.65	+1.41	+.70	−.11	−.03	−.46	+.12	+1.32	+.51	+.62	−.60	−.47
1905	−.52	+.06	+.44	+.07	+.36	−.39	−.36	−.22	+.09	−.53	+.45	−.38
1906	+1.13	−.04	+.69	+.53	+.51	+.09	+.29	+.31	−.12	−.48	+.27	+.93
1907	+1.04	+.21	+1.67	−.19	−.31	+.59	−.33	−.18	−.07	+.40	−.45	+.49
1908	−.21	0	−.69	−.44	+.14	−.03	+.03	−.13	+.40	−.09	−.51	−.79
1909	+1.29	−.04	−.32	−.59	−.69	−.22	−.25	−.01	+.31	+.03	+1.03	+.56
1910	+.10	−.70	−.82	−.53	−.66	−.45	+.26	−.41	+.31	−.16	−.20	+.17
1911	+1.58	+.05	+.22	−.22	−.42	+.24	−.08	+.48	−.07	−.22	−.40	−.52
1912	−.65	−.81	+.18	+.50	−.41	+.09	+.28	−.14	−.06	+.76	−.06	−.75
1913	−.49	−.63	−.64	−.13	+.41	+1.49	+.91	+.26	+.04	−.30	+.62	+.55
1914	+1.88	−.20	−.80	+.46	−.34	+.76	+.13	−.35	+.03	+.03	−.63	−.44
1915	−.50	+.31	−.54	+.87	+.47	−.37	−.01	−.41	+.06	−.57	−.19	−.05
1916	+2.34	−.18	−.25	−.46	−.39	−.45	−.08	−.24	−.10	+1.10	−.32	−.11
1917	−.55	−.06	−.52	−.03	+1.18	−.37	+.07	−.14	−.20	−.58	−.14	−.84
1918	−.48	+.23	−.30	−.39	−.35	+.44	−.26	−.26	+.40	−.09	−.06	−.29
1919	−1.01	+.56	−.17	−.33	−.24	−.50	−.11	−.40	+.24	+.06	−.20	+.28
1920	−.88	−.36	+.66	+.23	−.42	+.08	−.25	+.39	−.10	+.47	+.15	+.02
1921	−.09	−.45	−.59	−.20	+1.12	−.10	−.20	−.07	−.18	−.33	+.33	+.82
1922	−.05	+.56	−.16	−.03	−.17	+.06	+.15	+.65	−.42	−.26	+.01	+.32
1923	−.37	−.81	−.75	+.35	+.21	+.73	+.03	+.16	+.54	+.25	−.24	−.30
1924	−.84	−.52	0	−.47	−.82	−.41	−.23	−.36	−.22	+.44	−.16	+.18
1925	−.68	−.27	−.27	+.61	−.02	+.67	+.58	+.37	+.37	+.45	−.10	−.45
1926	−.67	−.32	−.74	+.36	−.42	−.24	+.04	−.25	−.35	−.41	+.81	−.32
1927	−.65	+.30	−.15	−.13	−.32	−.20	−.13	−.12	−.10	+.59	+.16	−.31
1928	−.81	−.74	+.37	−.36	−.64	−.07	−.23	−.42	−.41	−.15	−.13	−.44
1929	−.38	−.50	−.15	−.03	−.73	+.23	−.25	+.19	−.08	−.49	−.64	−.24
1930	+.22	−.30	−.35	+.07	+1.33	−.34	−.23	+.31	+.48	+.04	+.55	−.91
1931	−.71	−.34	−.54	−.05	−.49	−.02	−.25	+.37	+.11	−.19	+.32	+.87
1932	+.11	+.26	−.48	+.22	+.25	+.50	+.04	−.21	−.17	−.40	−.52	−.26
1933	+.58	−.67	−.56	−.18	+.04	−.44	−.05	−.30	−.28	+.01	−.46	+.08
1934	−.71	−.14	−.54	−.34	−.50	+.40	−.19	−.19	−.15	+.24	+.40	−.06
1935	−.09	−.11	−.14	+1.11	+.31	−.48	−.21	−.11	−.26	−.20	0	−.11
1936	+.23	+1.40	−.40	−.47	−.42	+.29	+.40	+.04	−.13	+.18	−.57	+.81
1937	+.28	+.64	−.06	−.27	−.39	−.28	+.28	−.41	−.18	−.30	+.18	+.50
1938	−.44	+.75	+1.12	+.49	+.31	+.58	+.37	−.07	−.26	+.74	−.14	−.56
1939	−.22	−.39	−.04	+.02	−.14	−.31	+.21	−.15	+.92	+.50	−.36	−.56
Average 1889–1939	1.18	1.07	.99	.77	.87	.50	.39	.49	.42	.58	.66	.98

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1889	−0.1	−0.1	+3.6	+5.5	+2.2	+5.5	+3.6	+2.6	+0.4	+1.7	−0.3	+3.3
1890	−9.0	+3.1	−1.5	+1.0	+4.3	−3.0	+1.5	−.5	+2.9	0	+1.0	+4.0
1891	−1.8	−3.3	−1.6	+.3	−.9	−4.7	−2.1	+1.4	−2.4	+.7	+1.4	−4.8
1892	−2.7	−.4	−.2	−3.1	−1.8	−1.7	−1.9	+.6	+1.5	−3.0	−1.2	−.7
1893	+.3	−4.8	−4.6	−6.2	−3.0	−.7	−2.2	+.5	−3.8	+1.6	−1.7	+3.2
1894	−1.4	−8.1	−2.1	−.4	+.7	−6.7	−.8	+.4	−2.5	+1.2	+3.8	−3.5
1895	−3.5	−2.7	−2.8	+.2	+.5	−1.6	−2.3	0	−1.4	−.6	−4.0	−3.1
1896	+4.5	+1.6	−1.1	−6.3	−7.4	+4.2	+.2	−1.6	−3.0	−.2	−4.3	+3.5
1897	+.8	−4.2	−9.6	−.7	+4.4	−1.7	−3.1	+2.7	−.9	−3.4	+.4	−2.0
1898	−9.0	+3.1	−5.5	+3.1	−3.8	+.5	+1.0	+3.0	−.2	−4.6	−4.8	−5.8
1899	+2.4	−.5	−1.9	−.1	−5.9	−.8	+.1	−6.9	+1.7	−4.2	+.9	−2.7
1900	+6.3	+1.5	+3.7	−4.2	+1.0	+3.2	−1.6	−4.0	−5.2	−2.8	+.8	+2.0
1901	+.7	−2.2	−1.6	−2.7	+.6	−5.4	−1.7	−2.3	−5.1	+.2	+3.2	+1.4
1902	−1.0	+2.6	−5.3	−2.2	−1.9	+1.8	−4.6	−1.7	+.4	−.7	−2.7	+2.6
1903	+2.6	−13.1	−1.8	−2.8	−1.5	+2.0	−7.1	−.9	−1.1	+.5	+1.9	−.7
1904	−2.0	+2.1	−.8	−2.6	−1.6	−.9	−3.8	−2.0	−2.7	+1.9	+2.2	
1905	+5.1	+4.0	+1.3	−1.0	−5.2	−2.6	−.4	+.1	−.2	−4.7	−3.5	−8.6
1906	−.7	+2.6	−2.0	−.4	−2.5	−4.3	+2.2	−.4	−1.1	−.6	−4.4	+2.4
1907	−2.4	+8.1	−2.2	+2.1	−3.8	−7.6	−3.3	−2.9	−1.4	+3.7	+.3	+4.5
1908	+3.1	+.8	+.2	+2.1	−5.7	−3.7	+1.8	−.9	−1.5	−3.9	−1.6	−3.5
1909	+6.2	−.3	−1.7	−.2	−2.8	+1.0	−3.0	+.3	−.5	−.1	+.2	−7.8
1910	−7.3	−3.2	+5.4	+3.8	+3.3	+.9	+.4	−1.3	+.2	+.5	+2.3	+2.0
1911	+2.3	−6.0	+2.2	−2.9	−5.0	−1.7	−1.6	−3.3	−3.8	−2.8	−3.2	−4.7
1912	+2.1	+2.5	−3.2	−4.6	−1.6	−.9	−3.9	−2.9	−4.7	−6.7	0	−1.3
1913	−2.7	−2.0	−3.3	−.8	+1.5	−2.7	−3.4	−.2	+.1	−.7	+.4	−2.4
1914	+4.8	+1.7	+3.9	+1.2	+3.8	−2.5	−.1	+1.9	−2.4	+1.0	+1.7	−6.6
1915	+.8	+2.7	+2.3	+2.4	−2.4	−1.2	−1.7	+2.7	−.6	+2.8	+.2	+1.6
1916	−5.3	+3.0	+4.7	+2.4	−3.4	−2.0	−1.5	−2.9	+.3	−4.2	−4.4	−3.5
1917	−11.6	−3.3	−7.2	−4.1	−5.3	−.6	+2.0	0	−.1	+3.0	+3.5	+8.7
1918	+3.2	−.6	+1.6	−1.6	−2.7	+7.1	+.4	−3.2	+1.3	+2.7	−2.2	−4.1
1919	+.7	−.3	−1.3	+2.7	+4.5	+1.2	+2.7	+2.0	+.2	−6.1	−2.4	−1.5
1920	+4.8	+2.5	−1.8	−.6	+.6	−.6	+.2	+.4	+.9	−2.5	−.5	+1.3
1921	+3.6	+3.6	+5.1	−1.4	−.9	+3.2	+1.7	+1.2	+.6	+5.4	+4.1	+4.1
1922	−7.2	−1.7	−2.7	−4.2	+.9	+4.3	+1.6	+.1	+4.6	+1.5	−3.1	+3.4
1923	+4.4	−4.8	−.4	+1.4	−4.5	+1.4	−1.3	+1.7	−1.7	+2.3	−1.1	
1924	−4.0	+7.7	−3.8	+.6	+6.4	+2.2	+.5	−.1	+1.3	0	0	−5.0
1925	+3.9	+7.1	+3.0	+2.3	+4.8	+.1	+2.1	−2.4	−2.1	−.3	−1.0	+3.4
1926	+1.7	+5.6	+5.0	+6.0	+2.8	+5.5	+1.6	+1.0	−1.3	+3.4	+5.8	−.5
1927	+5.5	+4.4	+1.2	−.1	+.3	+2.2	+2.0	−.7	−2.0	+2.7	+5.4	−2.1
1928	+2.9	+2.2	+5.0	−.8	+6.2	+.2	+1.1	0	+2.7	+1.2	+.1	−2.4
1929	−.7	−3.8	+.5	−3.9	+1.3	−1.0	+1.6	+3.5	−.3	+2.9	0	+8.6
1930	−4.0	+6.7	+1.9	+4.5	−3.1	+2.0	+.6	−.1	−.8	−1.6	−1.2	−3.1
1931	+2.2	+4.1	+1.9	+2.7	+4.7	+2.5	+5.7	+2.7	+.5	+3.8	−4.0	−3.2
1932	−3.0	−4.0	+2.6	+.3	+1.1	+1.6	+.2	+.4	+4.5	+.6	+4.5	−5.3
1933	−1.7	−11.3	+1.5	−1.0	−4.5	+2.6	+4.1	+1.6	+1.9	+7.2	+1.9	+6.9
1934	+7.9	+7.3	+10.1	+7.1	+6.9	−1.3	+2.0	+3.7	+2.0	+3.9	+4.3	+3.0
1935	+3.4	+3.3	−2.0	+.5	0	+3.9	−.2	+2.0	+5.4	−.1	−3.9	+1.8
1936	+4.3	+1.4	+2.9	+4.5	+4.2	+3.9	+3.5	+2.3	+.7	+2.3	+.3	+1.3
1937	−15.9	−2.6	+1.2	−.4	+4.4	+1.2	+2.8	+3.1	+4.7	+3.6	+4.0	+4.8
1938	+5.8	+1.0	−2.1	+1.3	−.2	+1.0	0	+.7	+4.7	+.9	−4.4	+4.1
1939	−3.0	−5.8	+2.2	+4.0	+3.5	+.3	+1.5	+2.9	+1.7	+.6	+3.1	+7.9
Average 1889–1939	29.4	33.8	40.5	48.0	55.6	64.5	72.5	70.6	61.3	50.5	39.9	31.1

TABLE 24A.—*New England (Southern Division: Massachusetts, Rhode Island, Connecticut): Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1888	+0.50	+0.27	+1.91	−1.01	+1.51	−1.05	−1.11	+1.31	+4.71	+1.48	+3.32	+1.13
1889	+1.33	− .51	−1.71	+ .01	+ .55	− .01	+4.48	+ .42	+ .21	+1.84	+2.92	− .93
1890	−1.07	−1.09	+3.14	− .73	+1.87	− .52	− .86	+ .22	+1.83	+4.62	−2.34	+ .55
1891	+3.43	+1.70	+ .91	− .48	−1.39	− .29	− .09	− .34	−1.48	+1.57	− .74	+ .30
1892	+1.04	−1.38	− .26	−2.49	+2 10	− .49	− .60	+ .93	−1.71	−2.06	+2.31	−2.32
1893	−1.11	+3.18	+ .11	+ .13	+2.27	− .56	−1.69	+1.32	−1.56	+ .40	−1.16	+1.18
1894	− .53	+ .06	−2.66	− .53	+ .70	−2.39	−1.50	−1.35	− .60	+2.36	+ .62	+ .72
1895	+ .13	−2.35	−1.01	+ .84	− .82	− .70	+ .26	− .42	−1.47	+ .30	+ .07	− .60
1896	−1.81	+2.22	+1.91	−2.33	− .58	− .21	− .31	−1.02	+2.80	+ .13	− .43	−1.61
1897	+ .17	− .81	− .71	− .53	+1.14	+ .54	+4.68	+ .84	−1.57	−2.50	+3.41	−1.50
1898	+1.15	+1.35	−1.40	+1.15	+1.97	−1.40	+1.19	+3.02	−1.53	+3.82	+3.31	−1.11
1899	+ .28	+1.16	+2.91	−1.75	−1.72	0	+ .83	−1.85	+1.03	−1.44	−1.51	−1.80
1900	+ .38	+3.71	+1.19	−1.42	+ .94	− .74	− .80	−1.56	− .87	+ .07	+1.69	−1.19
1901	−1.90	−2.63	+2.42	+4.47	+3.47	−1.98	+ .53	+ .78	+ .02	− .41	−1.19	+5.13
1902	−1.54	+1.48	+1.56	+ .01	−1.73	+ .33	+ .32	−1.01	+ .94	+1.74	−2.25	+2.57
1903	− .14	+ .90	+2.40	− .16	−2.65	+4.42	− .50	+ .90	+1.85	− .21	−1.28	− .25
1904	+ .52	− .54	−1.02	+3.15	− .36	− .21	− .97	+ .51	+1.02	−1.48	−1.64	− .56
1905	+ .69	−1.81	− .96	−1.06	−2.05	+1.52	− .70	+ .32	+1.76	−1.55	−1.21	+ .21
1906	− .80	− .62	+1.48	− .37	+1.58	+ .28	+1.34	−1.11	−1.04	+ 96	− .97	+ .21
1907	− .49	−1.01	−1.98	− .60	+ .30	− .31	−1.61	−2.57	+4.70	+1.28	+2.30	+1.19
1908	− .50	+1.21	− .75	−1.49	+1.34	−1.72	+ .24	+1.66	−2.73	− .31	−2.46	− .22
1909	+ .13	+ .49	− .28	+1.93	− .61	− .98	−1.75	− .88	+ .51	−1.89	− .46	− .21
1910	+1.92	+ .77	−2.55	− .78	− .90	+ .53	−1.42	−1.18	−1.34	−1.89	+ .67	−1.10
1911	− .79	− .82	− .40	−3.15	− .36	− .21	− .97	+ .51	+1.02	−1.48	−1.64	− .56
1912	− .70	− .87	+2.63	+ .38	+1.27	−2.80	− .39	− .44	−1.52	−1.34	+ .18	+1.62
1913	− .36	− .35	+ .87	+1.17	− .40	−1.91	−1.65	− .52	− .39	+3.84	− .97	− .35
1914	− .29	− .24	+ .47	+ .82	− .61	−1.58	+ .24	− .70	−3.36	− .92	− .69	+ .35
1915	+4.49	+ .96	−3.87	−1.65	−1.04	−1.39	+3.05	+2.40	−2.32	− .41	− .98	+1.27
1916	−2.26	+1.60	− .72	− .11	+ .28	+1.70	+2.89	−1.66	−1.15	−1.71	− .95	− .41
1917	− .71	− .89	+ .38	−1.03	+ .63	+1.35	−1.59	+ .86	−1.98	+2.26	−2.60	−1.00
1918	− .53	− .51	+ .53	0	− .93	+ .40	− .54	−1.51	+2.87	−2.23	− .96	− .18
1919	− .13	− .32	+1.20	− .60	+1.88	−1.16	+ .65	+1.05	+1.66	− .65	+1.43	−1.34
1920	− .97	+1.97	+ .08	+1.67	+ .47	+2.87	− .34	− .60	+ .74	−1.88	+1.45	+1.48
1921	−1.35	− .39	−1.01	+1.07	+ .18	− .40	+2.53	−1.84	−1.52	−2.27	+2.99	−1.18
1922	−1.78	− .51	+1.06	−1.20	+1.36	+4.10	+ .61	+1.94	−1.07	− .68	−2.30	− .35
1923	+2.74	−1.48	− .57	+1.25	−1.87	− .24	−1.00	−1.94	−1.93	+1.63	+ .58	+1.20
1924	+ .12	− .67	−1.95	+1.80	+ .29	−1.54	−1.83	+1.34	+1.08	−3.25	−1.19	−1.58
1925	− .08	− .98	+ .69	−1.13	− .71	+ .12	+1.01	−1.52	− .53	+1.82	− .04	+ .19
1926	−1.16	+1.91	− .91	−1.01	− .76	−1.42	− .29	− .03	−2.06	+1.53	+1.61	− .09
1927	− .97	− .12	−2.32	−1.73	+ .19	− .25	+ .97	+4.21	−1.12	+1.35	+2.72	+1.78
1928	−1.26	+ .48	−1.52	+ .94	−1.37	+1.93	+1.57	+ .73	+ .37	−1.01	−1.27	−1.17
1929	+ .01	+ .57	− .25	+3.39	+ .63	−1.46	−2.16	−1.38	−1.28	− .71	− .54	+ .54
1930	−1.04	− .81	− .72	−1.92	− .18	− .21	− .38	−1.78	−2.66	− .25	+ .67	− .83
1931	− .54	− .96	+ .96	− .59	+1.26	+2.41	− .36	+1.02	−1.92	− .70	−2.33	− .24
1932	+1.30	−1.07	+ .84	−1.60	−1.31	− .58	− .26	+ .48	+1.79	+2.65	+2.30	−1.72
1933	−1.46	+ .38	+1.76	+2.41	− .91	−1.04	−1.45	+1.38	+5.21	+ .05	−2.11	− .10
1934	− .25	+ .04	− .45	+ .77	+ .69	+ .61	−1.55	−1.32	+4.08	− .47	− .70	− .34
1935	+1.97	− .45	−2.02	− .15	−1.53	+1.81	+ .22	−2.39	+ .27	−2.54	+1.39	−2.50
1936	+3.01	− .52	+4.05	0	−1.01	− .07	−1.53	+1.05	+ .14	+ .45	−1.88	+3.88
1937	+1.22	−1.16	− .38	+1.02	+ .44	+1.26	−1.37	+1.25	+ .42	+1.17	+2.35	− .54
1938	+ .77	−1.06	−1.62	− .58	+ .53	+3.85	+5.19	− .54	+6.68	−1.00	− .15	− .22
1939	− .90	+ .55	+ .79	+1.04	−1.97	− .14	−2.09	+ .61	−1.41	+1.29	−2.22	− .73
Average 1888–1939	3.83	3.47	4.01	3.65	3.45	3.42	3.72	3.98	3.89	3.50	3.51	3.70

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1888	−8.8	− 0.2	−5.5	−3.9	−2.8	+0.7	−3.3	−0.3	−3.6	−6.2	+0.6	+1.6
1889	+5.5	− 2.8	+1.1	+1.8	+3.2	+2.2	−1.2	−2.1	0	−3.9	+2.0	+5.8
1890	+5.3	+ 6.5	−2.4	+ .1	− .2	−1.0	− .7	− .8	− .3	−3.3	−1.3	−5.3
1891	+2.4	+ 4.2	−1.9	+2.0	−1.5	− .5	−3.6	+ .9	+3.0	−2.0	−1.6	+7.8
1892	− .2	+ 1.5	−4.1	+ .5	−1.9	+2.2	+ .4	+ .2	−1.8	−1.8	−1.3	−2.7
1893	−8.6	+ 2.1	−3.5	−2.4	− .7	+ .2	−1.0	+ .1	−4.5	+1.3	−1.2	−1.5
1894	+1.5	− 4.4	+5.0	+ .2	+ .3	+1.9	+2.0	−1.8	+1.9	+1.0	−4.7	− .8
1895	−1.8	− 5.2	−2.7	− .5	+1.9	+2.2	−2.9	+ .4	+1.6	−5.1	+1.9	+2.8
1896	−3.9	+ .7	−4.9	+1.1	+3.3	− .7	+ .7	+1.8	−1.5	−3.6	+3.5	−2.5
1897	− .2	+ 1.9	+ .3	+1.8	+ .5	−3.0	+ .9	−1.1	− .8	+ .5	− .4	+1.7
1898	− .2	+ 3.2	+5.4	−2.5	−1.8	+ .1	+2.1	+2.1	+2.2	+1.0	−1.1	−1.2
1899	− .5	− 2.6	−2.6	+ .4	+ .3	+2.6	− .3	− .5	−1.6	+1.2	−1.0	+2.8
1900	+1.3	+ .8	−4.2	+ .7	−1.4	+1.3	+1.7	+2.1	+2.7	+4.0	+2.4	+ .4
1901	− .8	− 4.8	− .7	− .3	−1.4	+1.5	+2.7	+1.7	+1.5	+ .2	−5.5	− .4
1902	−2.0	+ .2	+5.8	+1.2	− .5	−3.2	−3.0	−2.3	− .5	+ .4	+4.0	−3.3
1903	+ .2	+ 3.0	+8.0	+1.1	+1.9	−5.4	− .8	−5.5	+ .1	+ .8	−3.2	−4.6
1904	−7.7	− 5.7	−2.6	−2.1	+3.0	−1.3	− .6	−1.9	−1.3	−3.2	−5.0	−7.4
1905	−4.3	+ 6.2	−1.2	+ .2	− .3	−1.5	+ .9	−2.3	−1.5	0	−2.0	+2.3
1906	+5.6	+ 1.2	−5.3	+ .2	+ .3	+ .1	− .5	+2.3	+1.6	+ .1	−1.2	−3.5
1907	−1.3	− 7.2	+ .8	−3.8	−5.4	−2.8	0	−1.6	+ .6	−4.4	− .4	+3.1
1908	+1.3	− 2.4	+ .9	0	+1.7	+1.7	+2.2	−1.6	+1.1	+2.1	− .4	+ .2
1909	+1.8	+ 2.4	−1.4	− .2	−1.5	+ .9	−1.8	−1.5	− .7	−1.8	+3.1	−2.8
1910	+1.5	+ .3	+4.7	+4.6	− .8	−1.6	+1.8	− .5	+1.7	−2.3	−5.8	
1911	−7.7	− .9	−2.6	−2.2	+4.3	− .9	+3.1	− .7	−1.2	−2.4	−1.7	+5.4
1912	−8.8	− 1.9	−2.0	+ .3	+ .7	− .3	+ .6	−2.3	− .7	+2.4	+1.6	+5.1
1913	+9.5	− .6	+4.9	+1.9	−1.6	− .1	+1.1	− .1	−2.0	+2.6	+2.8	+4.7
1914	− .6	− 4.9	−1.0	−2.0	+1.9	− .9	−3.1	+ .2	− .4	+3.1	− .5	−2.1
1915	+3.2	+ 4.8	−1.9	+3.9	−2.2	−1.8	−1.3	−1.6	+2.9	+1.4	+1.3	− .3
1916	+3.6	− 2.9	−7.4	−1.4	− .1	−3.8	+ .5	+1.1	+ .3	+ .2	− .7	− .5
1917	+ .3	− 3.0	− .8	−2.2	−7.1	− .5	+1.0	+2.6	−3.7	−2.8	−4.2	−8.5
1918	−8.9	− 2.4	+ .3	+ .6	+4.8	−2.3	− .6	+1.5	−2.9	+2.3	+1.2	+2.1
1919	+3.7	+ 3.7	+3.7	− .2	+ .9	+1.5	+1.2	−2.5	− .2	+1.9	+ .2	+4.2
1920	−8.1	− 2.1	+ .6	−2.0	−2.7	−2.9	−1.6	+1.8	+1.2	+5.5	−1.5	+2.7
1921	+2.0	+ 3.7	−8.2	+5.4	+ .3	+1.1	+2.0	−2.1	+3.7	+ .5	− .5	−1.5
1922	−3.6	+ 2.6	+1.5	+ .9	+2.9	+2.1	− .4	− .4	+1.1	+1.2	+ .3	−1.9
1923	−3.4	− 5.8	−4.2	+ .7	− .6	+2.5	−2.0	−1.4	+1.9	+ .6	+ .4	+7.3
1924	+1.6	− 2.8	− .7	− .8	−3.4	−1.4	+ .2	+ .6	−2.2	+ .4	+1.0	−1.8
1925	−2.8	+ 8.2	−4.6	+2.3	−1.8	+3.9	− .8	− .1	+ .3	−5.6	− .3	+ .2
1926	+1.1	− 1.1	−4.0	−3.1	−3.6	− .9	− .5	+1.0	−1.6	−1.2	+ .8	−4.1
1927	+ .3	+ 4.9	+3.8	+ .1	−2.2	−1.8	+ .1	−3.2	+ .2	+3.6	+5.4	+3.8
1928	+3.0	+ 1.5	− .6	−1.4	−1.6	−1.8	+1.0	+3.3	−2.3	+2.0	+1.2	+5.4
1929	− .8	+ 1.6	+4.3	+ .6	+1.1	+1.5	−1.0	−1.4	+1.6	−1.3	+1.0	+ .9
1930	+2.1	+ 5.0	+1.1	− .3	+2.7	+4.3	+ .7	− .3	+4.0	−1.3	+ .7	+ .2
1931	− .3	+ 1.3	+1.5	+2.0	+1.4	+ .9	+2.2	+1.2	+1.3	+3.4	+5.5	+4.0
1932	+9.5	+ 2.6	−2.2	− .6	+1.3	0	− .5	+2.7	− .4	+2.0	−1.0	+3.4
1933	+7.9	+ 4.6	−1.3	0	+2.9	+2.2	− .3	+ .9	+1.5	− .4	+4.2	−4.2
1934	+1.6	−10.5	−1.6	+1.3	+2.8	+2.3	+2.4	−2.1	+2.5	−2.7	+3.3	−1.9
1935	−4.3	+ .1	+2.4	− .5	−1.8	0	+2.3	+1.0	−1.2	+ .3	+4.1	−4.0
1936	−1.4	− 5.3	+6.3	−1.5	+2.8	+ .4	− .4	+ .9	+ .2	+ .6	−3.1	+3.6
1937	+8.1	+ 5.6	−3.1	− .8	+2.1	+1.1	+1.2	+4.4	− .9	−1.0	+ .6	− .8
1938	−1.4	+ 3.9	+3.1	+3.0	−1.5	+ .8	+ .7	+3.3	−1.8	+3.2	+2.7	+1.6
1939	− .5	+ 4.3	−2.8	−2.3	+1.0	+ .5	+ .2	+3.8	+ .1	+ .3	−2.8	+ .6
Average 1888–1939	27.0	26.4	35.4	45.6	56.7	65.3	70.5	68.9	62.3	51.8	40.9	30.4

TABLE 24B.—*New England (Northern Division: Maine, New Hampshire, Vermont): Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1888	+1.08	+0.89	+1.78	−0.32	+0.26	−0.49	−1.59	+1.29	+3.48	+2.76	+2.24	+0.35
1889	+ .91	− .33	− .54	− .99	− .37	+ .88	+1.67	−1.41	+ .19	+ .89	+2.00	+ .89
1890	+ .08	+1.23	+1.56	−1.16	+3.25	− .08	− .39	+2.35	+ .92	+1.52	−1.14	+ .81
1891	+2.77	+ .47	+ .55	− .42	− .77	− .42	+ .58	+ .13	−1.94	− .85	− .70	+1.10
1892	+1.27	− .76	−1.00	−2.12	+1.41	+2.31	−1.10	+3.05	−1.25	−2.10	+ .70	−1.77
1893	− .98	+1.83	−1.12	− .67	+1.25	− .76	−1.12	+1.64	−1.13	+ .58	−1.48	+1.04
1894	− .63	− .54	−1.78	−1.23	+ .75	− .67	−1.06	−1.30	+ .06	+ .49	+1.78	− .30
1895	− .64	−1.71	−1.48	+1.62	− .71	− .77	− .45	+ .01	−1.26	−1.03	+2.48	+ .95
1896	−2.07	+1.72	+3.12	−1.72	−1.03	−1.28	+ .14	− .29	+1.56	+ .10	+ .17	−1.86
1897	+ .24	− .57	+ .15	− .25	+1.79	+1.85	+3.75	− .10	−1.57	−2.25	+2.37	+1.08
1898	+1.94	+2.27	−2.01	+ .42	− .27	+ .14	−1.64	+ .93	+ .05	+1.96	+1.02	− .76
1899	− .51	+ .17	+2.39	−1.70	−1.56	− .96	+1.13	−1.88	+ .20	−1.51	− .97	− .73
1900	+1.80	+3.77	+1.87	−1.55	+ .51	− .72	− .63	− .38	− .93	+ .44	+2.52	−1.01
1901	− .62	−1.66	+1.32	+2.55	+1.58	−1.07	+ .44	+ .47	− .97	− .52	−1.18	+3.15
1902	− .64	− .17	+2.88	+ .56	+ .23	+1.21	− .02	+ .53	+ .38	+1.20	−1.96	+1.41
1903	+ .31	+ .94	+2.08	−1.20	−2.66	+2.04	+ .41	− .33	−2.45	− .17	−1.50	− .18
1904	+ .02	− .92	− .69	+1.61	+ .67	−1.09	− .60	+ .56	+1.99	− .97	−1.86	−1.30
1905	+ .39	−1.35	−1.41	−1.13	− .89	+ .57	+ .55	− .61	+1.40	−2.01	− .32	+ .20
1906	− .67	− .64	+ .49	− .56	+1.64	+1.10	+ .35	−1.20	−2.04	+ .85	− .69	+ .12
1907	− .99	−1.06	−1.21	+ .36	− .89	+ .61	+ .36	−1.57	+3.01	+1.07	+ .82	+ .52
1908	− .67	+1.12	−1.12	− .61	+1.36	−1.69	− .57	+ .52	−2.73	− .76	−1.96	− .32
1909	+1.38	+1.80	− .31	+ .42	− .02	− .74	−1.21	−1.03	+2.09	−2.17	− .39	− .89
1910	+ .16	+1.04	−1.87	+ .34	− .28	− .26	−1.27	− .19	− .50	−1.77	− .83	− .53
1911	− .82	− .32	+ .39	−1.85	−2.20	− .36	+ .46	+ .15	0	− .07	− .07	− .07
1912	− .06	− .33	+ .82	− .21	+2.37	−2.18	− .64	+1.06	− .04	+ .44	+ .23	+ .26
1913	− .22	− .65	+2.04	− .83	+ .43	−2.52	− .70	− .90	− .77	+2.63	−1.33	+ .06
1914	− .75	−1.00	+ .42	+1.84	−1.67	− .60	− .53	+ .58	−2.26	−1.60	− .80	−1.14
1915	+ .26	+1.11	−3.00	− .54	−1.19	−1.40	+5.29	+1.27	−1.74	− .96	− .76	+ .95
1916	−1.49	+ .58	− .90	+ .13	+ .85	+1.47	+ .25	− .38	+ .60	−1.31	+ .07	+ .31
1917	+ .08	− .80	− .19	− .58	− .31	+3.83	− .62	+1.29	−2.42	+2.45	−2.26	− .43
1918	− .65	− .25	−1.56	− .92	− .15	+ .12	− .02	− .32	+3.20	+ .92	− .37	0
1919	− .61	− .94	+ .80	− .63	+1.31	−1.32	−1.14	− .60	+ .79	+ .85	+ .90	−1.48
1920	−1.29	+1.62	+ .30	+3.03	−1.27	− .52	+ .29	+ .17	+2.57	−1.17	+ .72	+2.54
1921	−1.76	− .48	− .15	+ .22	−1.55	− .92	− .27	− .15	−1.29	− .49	+2.03	−1.07
1922	−1.14	− .01	+ .67	+ .25	+ .30	+5.07	−1.30	+1.15	−1.72	−1.06	−1.62	− .55
1923	+1.48	−1.40	− .65	+2.18	−1.13	− .98	− .34	−1.28	− .95	+ .37	+ .70	+ .19
1924	+ .41	− .73	−2.31	+1.60	+ .37	−1.38	− .80	+ .41	+2.10	−2.77	− .25	−1.26
1925	− .43	+ .12	+1.15	−1.20	−1.07	+1.09	+ .75	−1.77	+ .98	+1.70	+ .80	− .82
1926	− .52	+ .40	− .97	− .10	−1.70	− .10	− .31	− .31	− .80	+1.52	+1.35	− .71
1927	− .74	+ .08	−1.90	−1.76	+ .69	−1.11	+ .72	+ .94	−1.79	+2.41	+4.05	+1.78
1928	− .12	− .57	− .88	+ .53	+ .98	+ .27	− .16	+1.05	+ .08	− .86	−1.17	− .60
1929	+ .06	− .15	− .10	+1.94	+1.08	+ .32	−1.58	− .71	−1.26	− .52	− .80	+ .37
1930	− .53	−1.18	+1.58	−1.47	+ .90	+ .26	+ .11	− .80	−1.63	− .76	− .40	−1.45
1931	− .78	− .99	− .52	− .32	+ .68	+1.11	+1.61	− .32	+ .85	+ .36	−1.77	+ .18
1932	+ .90	− .79	− .01	− .05	−1.16	−1.34	+ .90	+ .43	+1.52	+ .44	+1.66	−1.46
1933	− .80	+ .07	+ .55	+2.53	− .80	−1.22	− .45	+1.37	0	+1.07	−1.14	+ .33
1934	− .11	− .39	− .89	+1.82	−1.06	+ .79	+ .12	−1.49	+2.79	−1.10	+ .09	+ .31
1935	+2.75	− .47	−1.65	− .18	−1.02	+2.05	+ .16	−1.25	+ .83	−2.23	+1.46	−1.55
1936	+2.61	− .35	+4.73	+1.32	− .02	− .89	− .62	+ .06	−1.08	+1.71	− .88	+2.38
1937	+ .56	+ .12	− .13	+ .10	+2.24	+ .91	− .51	− .50	− .69	+1.89	+1.36	− .28
1938	+ .59	− .29	−1.00	− .34	+ .13	+ .20	+2.73	+ .04	+4.15	−1.10	− .52	+1.13
1939	− .67	+ .23	− .03	+1.39	−1.19	− .17	− .85	− .12	− .47	+1.18	−2.44	+ .11
Average 1888–1939	3.15	2.73	3.28	3.03	3.21	3.52	3.76	3.58	3.73	3.40	3.27	3.05

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1888	− 7.9	−1.8	−2.8	−3.7	−1.9	+1.5	−2.3	−0.3	−2.1	−5.1	+1.5	+ 4.7
1889	+ 8.3	−1.3	+4.1	+4.5	+4.2	+2.7	− .4	−1.0	+1.8	−4.6	+3.3	+ 6.6
1890	+ 4.4	+6.4	− .6	+ .1	+ .3	−1.1	−1.0	− .2	+ .3	−1.2	− .9	− 8.6
1891	+ 3.7	+4.7	− .3	+1.9	−1.0	+ .2	−2.4	+ .8	+3.9	−1.4	+ .4	+ 9.6
1892	+ 1.8	+3.7	−2.2	+1.1	−1.7	+2.7	+ .4	+1.0	− .6	−1.5	− .3	− 1.8
1893	− 7.6	−1.5	−2.7	−3.9	− .1	+2.5	−1.1	+ .9	−3.7	+2.2	− .7	− 3.3
1894	+ .6	−2.4	+5.8	+1.9	+1.0	+2.2	+ .1	−2.4	+1.5	+1.0	−4.2	+ .6
1895	0	−2.4	−2.7	+ .6	+3.6	+3.9	−2.1	− .4	+1.5	−4.4	+2.2	+ 4.5
1896	− 1.3	+ .8	−4.0	+2.2	+3.4	− .4	+1.2	+ .9	−1.4	−2.6	+2.8	− 2.0
1897	+ 1.2	+3.4	0	+2.3	+ .5	−3.4	+2.4	− .7	−1.0	+ .8	−1.3	+ 1.6
1898	− 1.2	+6.4	+6.8	− .7	+ .9	+1.3	+1.8	+2.8	+2.5	+1.8	+ .5	+ .3
1899	0	− .1	−2.2	+1.2	+1.2	+2.4	+ .3	+1.1	−1.4	+2.1	− .6	+ 5.0
1900	+ 1.3	+1.2	−5.0	+1.1	−2.2	+2.3	+1.4	+1.9	+2.2	+5.3	+2.2	− 1.0
1901	− .6	−2.7	− .5	+2.9	+ .6	+2.4	+2.0	+1.9	+1.5	+ .5	−4.8	+ 1.0
1902	− .5	+2.7	+8.0	+2.0	−1.3	−3.1	−3.6	−1.9	+ .8	− .6	+4.1	− 3.6
1903	+ .6	+3.9	+9.1	+1.4	+2.5	− .3	−1.7	−5.5	+1.5	− .1	−2.4	− 3.9
1904	− 7.4	−5.8	−1.8	−1.8	+4.2	− .5	0	−1.4	−3.1	−2.8	−5.6	− 9.0
1905	− 4.6	−4.9	−1.8	0	− .4	−1.9	+ .8	−1.5	−1.3	− .6	−1.8	+ 1.8
1906	+ 6.8	+1.3	−5.9	−1.1	−1.2	+ .1	+ .5	+3.2	+1.2	+ .6	− .9	− 4.8
1907	− 3.6	−6.1	− .2	−3.4	−5.1	− .8	− .4	−1.5	0	−4.1	− .3	+ 4.6
1908	+ 2.2	−1.8	+ .5	−2.1	+2.4	+1.7	+2.8	−1.1	+3.3	+2.9	+ .3	− 1.7
1909	+ 1.3	+1.2	− .9	−1.1	−1.4	+1.0	−1.9	− .7	− .5	− .3	+3.7	+ .3
1910	+ 4.0	+ .6	+5.1	+5.5	− .4	−1.7	+1.0	−1.2	− .8	+ .8	− .4	− 5.0
1911	+ 1.7	−2.5	−3.4	−1.5	+6.5	−1.1	+3.7	+ .4	−2.0	−1.2	− .8	+ 6.8
1912	− 7.6	− .2	−3.0	0	+ .9	−1.8	+ .4	−3.2	−1.5	+2.1	+1.6	+ 5.2
1913	+12.5	−1.3	+4.1	+2.7	−2.4	−1.1	+ .3	− .3	−1.5	+5.5	+3.6	+ 4.3
1914	− 2.9	−6.6	+ .7	−3.5	+1.9	−1.8	−2.0	− .4	+ .1	+2.8	−2.0	− 2.3
1915	+ 3.0	+6.5	− .9	+5.0	−2.2	−1.2	−1.1	− .8	+3.3	+2.1	+2.2	+ 2.5
1916	+ 3.1	−1.2	−6.5	+ .4	− .1	−2.8	+2.6	+2.6	0	+ .9	−1.9	− .4
1917	− 1.2	−4.3	− .7	−2.1	−7.2	−1.0	+ .2	−2.5	−2.6	−2.6	−4.5	−10.7
1918	− 9.3	−3.8	−1.3	+ .7	+4.6	−3.9	+ .3	+ .7	−3.6	+1.1	+1.2	+ 1.7
1919	+ 2.8	+3.6	+3.3	− .8	+ .3	+2.8	+1.4	−2.1	−1.1	− .5	− .4	− 5.5
1920	− 9.5	− .9	+1.4	−2.7	−1.2	− .5	−1.8	+3.1	+ .9	+5.5	−3.3	+ 2.0
1921	+ 1.6	+2.6	+7.5	+5.9	+1.9	0	+4.6	−1.3	+2.4	0	−3.4	− 3.1
1922	− 4.4	+ .3	+1.9	+ .8	+1.5	+1.2	− .5	+ .1	+ .6	−2.1	+ .1	− 3.8
1923	− 4.8	−7.8	−6.8	−2.1	−2.0	+ .3	−3.3	−2.9	+ .9	+ .4	+1.1	+ 7.6
1924	+ .8	−5.0	+1.3	−2.3	−3.8	−2.3	− .5	−1.7	−2.3	+ .2	+ .8	− 2.5
1925	− 7.4	+7.6	+4.1	+1.1	−3.5	+1.3	−2.3	− .3	−1.6	−7.4	− .5	− .4
1926	− .4	−2.2	−6.7	−6.3	−3.0	−3.8	−1.8	− .9	−1.8	−1.7	+ .3	− 4.7
1927	+ 1.2	+2.3	+3.4	− .2	−4.5	−4.1	− .1	−2.8	− .1	+3.0	+4.5	+ 3.6
1928	+ 1.7	+ .2	−1.5	−2.4	−1.6	−2.6	+ .7	+3.0	−3.3	+ .6	0	+ 6.0
1929	− 1.0	+ .5	+2.8	− .5	+ .5	+ .2	−1.1	−2.2	+1.4	−1.1	+ .6	− 1.0
1930	+ .7	+2.5	+ .1	−1.6	+1.2	+4.7	− .9	−1.1	+2.8	+ .4	+2.3	+ 1.3
1931	− .9	+2.5	+3.7	+2.4	+1.3	+ .2	+2.3	0	+2.0	+2.8	+6.0	+ 3.2
1932	+ 9.7	+1.2	−2.9	− .9	+ .8	− .4	−2.0	+2.1	+1.2	+2.8	−1.6	+ 4.9
1933	+ 8.9	+5.6	−1.8	+ .3	+1.6	+1.9	− .5	+ .5	+ .9	− .8	−6.3	− 6.0
1934	− 1.3	−10.7	−1.9	+ .8	+2.3	+1.0	+ .2	−2.7	−3.9	−3.1	+3.2	− 3.4
1935	− 5.7	− .7	+ .3	− .5	−3.5	+ .2	+2.1	+1.4	−2.6	0	+3.8	− 3.8
1936	− 1.3	− 4.5	+7.1	−1.6	+2.2	+ .8	−2.0	− .8	− .2	− .6	−4.5	+ 2.6
1937	+ 7.8	+ 6.3	−3.8	− .4	+2.2	+ .7	+2.0	+5.8	+ .5	− .7	+1.2	− 1.3
1938	− .9	+ 3.2	+1.1	+2.8	−1.3	+2.4	+ .6	+3.4	−2.5	+2.9	+2.5	+ 2.7
1939	− .7	+ 1.4	−5.6	−4.3	− .4	− .4	+ .3	+4.0	− .6	− .5	−2.8	+ .8
Average 1888–1939	18.1	18.3	28.9	41.4	53.4	62.5	67.5	65.2	58.1	47.1	34.9	22.5

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TABLE 25.—*New Jersey: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1885	+0.39	+0.37	−2.65	−0.82	−0.89	−2.05	−1.22	+1.39	−2.95	+0.57	+1.35	−0.41
1886	+ .78	+1.86	− .05	− .21	+2.44	− .46	+ .19	−1.91	−2.65	− .41	+1.31	− .05
1887	+ .17	+1.68	− .41	− .91	−2.26	+2.93	+2.95	− .96	− .12	−1.02	−1.24	+1.73
1888	+1.08	− .03	+1.96	−. 33	+1.29	−1.25	−1.22	+1.41	+3.31	+1.10	+ .79	+ .13
1889	+1.99	−1.07	+ .04	+1.71	+ .46	− .11	+5.47	+ .41	+4.58	+ .17	+5.30	−1.94
1890	−1.40	+ .61	+2.33	− .96	+ .61	− .25	+ .90	+ .18	+ .97	+2.70	−2.36	+ .33
1891	+2.88	+1.55	+1.31	−1.42	− .66	− .92	+ .58	+ .60	−1.32	− .19	− .79	+ .69
1892	+1.44	−1.93	+1.00	−1.12	+1.41	+ .01	− .69	−1.09	−1.97	−3.11	+4.11	−1.69
1893	− .65	+2.17	− .02	+1.60	+ .44	− .89	−2.00	+1.80	− .58	+ .59	+ .30	− .17
1894	−1.35	+ .86	−1.98	− .52	+4.09	−1.56	−3.06	−2.14	+3.68	+2.04	+ .16	+ .8
1895	+ .97	−2.28	− .59	+1.27	− .78	− .60	− .46	−2.19	−2.71	− .03	− .01	− .9
1896	−2.03	+3.21	+1.59	−2.26	− .42	+1.62	+ .78	−2.89	+ .59	−1.39	− .13	−2.0 4
1897	− .89	+ .05	− .97	+ .18	+2.05	− .46	+6.70	− .33	−2.13	−1.20	+1.41	+1.3 4
1898	+ .51	− .08	− .42	+ .13	+3.37	−1.74	+ .24	+ .64	−1.78	+2.13	+3.58	− .03
1899	+ .32	+2.50	+2.79	−1.88	−1.71	−1.34	+1.03	− .36	+2.10	− .91	− .89	−1.45
1900	+ .16	+1.74	− .24	−1.32	+1.08	− .76	+ .02	−2.04	− .92	+ .07	+ .25	− .97
1901	−1.17	−2.62	+ .89	+2.70	+1.97	−2.27	+1.15	+4.71	− .40	−1.70	− .80	+3.74
1902	− .41	+2.68	+ .59	+ .01	−1.59	+2.73	+ .06	− .81	+1.87	+2.76	− .98	+3.67
1903	+ .21	+1.31	+1.38	+ .36	−3.04	+3.84	+ .79	+2.23	− .44	+5.29	−1.92	+ .52
1904	− .60	−1.11	− .32	− .19	−1.03	− .71	+ .15	+1.90	+1.01	+ .15	−1.00	− .37
1905	+ .49	−1.03	+ .20	− .73	−1.92	− .41	− .66	+1.00	+1.45	− .92	−1.34	+ .09
1906	− .84	− .98	+1.34	+ .03	+ .58	+ .64	+ .86	+1.23	−1.59	+ .83	−1.57	+ .43
1907	− .19	− .89	− .71	+ .17	+1.42	+ .57	−2.10	−1.27	+4.30	+ .83	+2.47	+1.35
1908	+ .05	+1.23	− .95	−.89	+3.47	−1.52	− .02	+ .33	−1.69	− .92	−2.22	+ .07
1909	− .51	+1.40	− .27	+2.36	−1.33	− .58	−2.60	− .13	+ .48	−2.45	− .82	+ .89
1910	+1.35	− .48	−2.53	+1.73	−1.09	+1.33	−3.36	− .94	−1.39	− .48	+ .61	− .77
1911	− .25	− .78	− .37	+ .50	−2.26	+1.52	−1.08	+4.19	− .90	+1.86	+1.99	+ .21
1912	− .87	−1.07	+3.86	− .05	+ .46	−1.90	− .86	−1.30	+ .69	− .33	+ .25	+1.17
1913	− .11	−1.07	+1.40	+2.17	− .18	−2.04	−2.20	− .66	+ .09	+4.16	− .47	− .53
1914	− .16	− .71	− .10	+ .06	− .70	−1.18	+1.33	+1.57	−3.41	−1.64	− .58	+2.30
1915	+2.86	+1.81	−2.62	− .90	+ .19	− .72	+ .59	+3.01	−1.70	− .60	−1.49	+1.26
1916	−2.19	+ .65	− .27	− .29	− .15	+ .36	+ .68	−3.38	− .94	−2.26	−1.07	+1.05
1917	− .43	−1.61	+ .90	−1.22	+ .20	+ .43	+ .11	+2.51	−1.04	+3.36	−2.62	− .38
1918	+ .45	−1.48	−1.69	+ .44	+1.31	− .41	− .79	−2.87	+ .06	−2.38	−1.31	+ .36
1919	− .18	− .17	+1.57	− .55	+1.35	− .68	+3.67	+2.17	− .52	− .20	+ .56	− .58
1920	−1.09	+ .64	+ .05	+ .89	− .63	+2.34	+1.04	+1.38	+ .09	−1.83	+1.23	+1.54
1921	−1.06	+ .25	− .72	− .04	+ .54	− .61	−1.10	− .40	−1.43	−2.66	+1.08	−1.19
1922	−1.07	− .62	+ .77	−1.06	+ .21	+2.47	−1.07	− .69	−1.52	−2.15	−2.27	+ .30
1923	+1.53	− .98	+ .34	− .06	−1.97	−1.76	− .84	−2.28	+ .00	+ .62	− .67	+ .58
1924	+ .79	+ .54	−1.24	+2.54	+2.06	+ .36	−2.13	− .32	+1.64	−3.32	−1.15	− .98
1925	+ .74	−1.33	− .28	−1.21	− .77	− .74	+2.65	−2.62	− .86	+ .96	+ .22	− .72
1926	−1.08	+ .98	−1.50	−1.56	−1.05	−1.24	+ .74	+1.86	+ .40	+ .45	+ .86	− .12
1927	−1.47	− .44	−2.29	−1.19	+ .02	− .68	+1.34	+3.83	−1.12	+4.19	+ .84	+ .98
1928	−1.43	+ .49	− .91	+1.65	−1.40	+2.91	+2.14	+2.00	+ .74	−2.44	−1.28	−1.92
1929	− .20	+ .80	− .68	+2.82	− .14	− .73	−3.08	−2.14	+ .96	+ .98	− .45	− .55
1930	− .77	− .76	−1.21	−1.27	− .88	+ .33	− .74	−1.40	−1.64	−1.68	+ .52	− .89
1931	−1.53	−1.38	+ .39	− .76	+ .10	+1.00	− .48	+ .38	−1.80	− .87	−2.36	−1.29
1932	+ .81	−1.40	+1.74	− .90	− .65	− .16	−1.96	−1.97	−1.49	+2.22	+4.63	− .48
1933	−1.30	− .23	+1.19	+1.23	+1.21	−1.05	− .99	+5.81	+2.29	−1.59	−2.17	− .37
1934	−1.10	− .79	− .44	+ .28	+1.00	− .16	−1.08	−1.11	+5.22	−1.14	− .27	− .66
1935	+ .31	− .76	−1.29	−1.34	−1.92	+ .80	− .06	−2.15	+2.34	+ .87	+1.77	−1.89
1936	+2.65	− .46	+1.53	− .38	− .85	+1.09	−2.25	− .58	+ .52	− .23	−2.00	+2.73
1937	+2.61	−1.26	−1.00	+1.03	− .51	+ .82	−1.89	+2.10	−1.15	+1.64	+1.38	−1.81
1938	− .05	−1.25	−1.60	− .79	− .11	+3.95	+4.12	−1.63	+5.89	−1.16	+ .24	− .76
1939	+ .29	+1.99	+1.08	+1.51	−2.20	− .29	−2.39	+2.31	−2.29	+ .61	−1.32	−2.02
Average 1885–1939	3.69	3.56	3.75	3.61	3.63	3.84	4.72	4.72	3.78	3.63	3.18	3.56

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1885	− 0.2	− 6.7	−8.9	−1.3	−3.1	−0.3	+1.4	−0.3	−1.7	−0.5	+1.1	+1.6
1886	− 3.7	− 1.7	−1.6	+ .9	−1.6	−1.9	− .8	−2.5	+1.0	+ .9	+ .8	−4.6
1887	− 2.6	+ 3.3	−1.6	−2.4	+2.9	− .8	+3.3	−1.6	−4.3	−2.4	−2.2	0
1888	− 5.6	0	−6.5	−1.8	−1.8	+1.8	−2.7	+ .5	−2.8	−5.5	+2.1	+1.2
1889	+ 5.2	− 2.9	+1.2	+1.5	+1.9	+ .9	− .4	−2.4	−1.1	−3.9	+2.0	+7.8
1890	+10.3	+ 9.3	−1.7	+ .7	+ .3	+1.7	−1.3	− .5	−1.5	− .8	+ .1	−2.8
1891	+ 3.2	+ 7.4	−2.1	+2.3	− .9	+ .7	−3.7	+ .8	+2.8	−1.9	−1.5	+7.2
1892	− 1.1	+ 3.0	−4.9	− .4	− .3	+3.4	+ .5	−1.4	−1.7	−1.1	−1.8	−3.3
1893	− 9.4	− .5	−2.3	− .5	−1.0	+ .7	+ .1	+ .8	−3.2	+ .5	−1.9	+1.2
1894	+ 3.2	− .9	+4.9	+ .6	+1.0	+1.6	+1.9	−1.1	+2.9	+ .6	−3.4	+1.1
1895	− 2.9	− 7.0	−2.6	− .6	+ .5	+2.7	−2.9	+2.2	+3.8	−4.8	+2.0	+3.5
1896	− 2.4	+ 1.5	−5.3	+2.7	+4.9	− .9	+1.2	+1.6	− .8	−3.2	+4.5	−2.4
1897	− 2.0	+ 1.9	+ .7	+ .7	+ .2	−2.9	+ .3	−1.0	− .4	+1.1	+ .1	+1.4
1898	+ 1.6	+ 2.1	+5.8	−1.9	−1.9	+1.1	+1.5	+2.8	+2.7	+1.8	−1.3	− .4
1899	− .9	+ 4.8	− .7	+ .2	+ .7	+3.3	+ .9	+ .3	−1.5	+1.9	+ .3	+1.8
1900	+ 1.4	+ .4	−3.7	+1.1	+ .5	+1.4	+2.1	+4.3	+4.0	+5.2	+3.8	+ .7
1901	− .6	− 5.2	− .1	+1.4	−1.8	+1.0	+3.5	+1.8	+ .9	− .3	−5.2	−1.1
1902	− 2.6	− 3.2	+4.6	+ .5	− .1	−1.5	− .8	−1.9	−1.3	+1.9	+5.6	−2.0
1903	− .6	+ 3.1	+8.3	+1.2	+2.3	−5.0	− .5	−3.6	− .9	+1.2	−3.8	−5.1
1904	− 7.7	− 5.8	−2.1	−3.0	+2.4	− .4	−1.5	−1.2	−1.1	−2.8	−3.5	−6.7
1905	− 4.0	− 7.2	+ .5	+ .2	+1.0	− .7	+ .6	− .9	− .5	+ .8	−1.6	+2.6
1906	+ 5.5	+ .3	−4.9	+1.5	+ .6	+1.4	−1.0	+2.6	+3.0	+ .3	− .1	− .7
1907	+ .8	− 7.0	+1.9	−4.5	−5.0	−4.3	− .2	−1.5	+1.2	−4.1	− .2	+2.9
1908	+ .8	− 2.5	+2.5	+1.5	+1.2	+ .9	+1.8	−1.4	− .2	+2.6	− .6	+ .3
1909	+ 2.2	+ 7.2	−1.0	+ .5	+ .4	+1.0	−2.2	−1.8	−1.4	−3.5	+2.7	−3.9
1910	− 1.3	− .1	+5.2	+3.8	− .4	−2.1	+1.5	−1.6	+1.4	+2.5	−3.3	−7.2
1911	+ 2.5	+ .3	−1.7	−2.3	+4.1	− .1	+2.2	+ .1	+ .5	− .8	−2.4	+4.7
1912	− 8.7	− 2.9	−2.4	+ .7	+1.6	−1.0	− .1	−2.0	0	+2.3	+1.6	+3.2
1913	+ 8.5	0	+5.5	+2.4	− .1	+ .1	+ .6	− .3	−1.5	+3.1	+2.5	+4.0
1914	+ .9	+ 4.7	−3.9	−1.3	+2.7	− .5	−2.3	+1.3	−1.9	+3.4	− .4	−2.6
1915	+ 2.5	+ 5.1	−3.2	+4.7	−2.3	−2.0	−1.0	−1.1	+2.6	+1.5	+ .3	−1.8
1916	+ 4.1	+ 2.5	−7.5	−1.5	+ .7	−4.3	+ .6	+1.2	− .7	+ .4	− .4	−1.4
1917	+ .4	+ 2.5	−1.1	− .9	−6.4	− .1	+ .4	−2.0	−4.4	−4.0	−3.9	−8.9
1918	−10.7	− 1.6	+2.5	+ .1	+4.2	−2.7	−1.6	+2.4	−3.7	+2.3	+ .2	+3.8
1919	+ 3.1	+ 3.0	+3.9	− .4	+ .5	+ .3	−2.1	− .1	+4.3	+0	− .4	−4.9
1920	− 7.4	− 2.7	+ .1	−1.7	−3.0	− .6	−2.1	+ .3	+ .9	+4.3	− .7	+2.7
1921	+ 2.0	+ 3.4	+9.8	+6.6	− .2	+1.4	+2.7	−2.2	+4.3	− .6	+ .6	−1.4
1922	− 3.4	+ 3.0	+1.8	+1.3	+2.6	+2.1	− .8	− .8	+ .8	+1.9	+ .6	−1.2
1923	− .9	+ 4.5	−1.3	+ .3	−1.3	+3.5	−1.9	+1.2	+1.1	− .8	− .6	+7.1
1924	+ 1.2	+ 1.7	− .5	−1.7	−3.6	−2.2	−2.2	− .1	−3.7	− .3	− .8	− .9
1925	− 3.6	+ 6.7	+4.0	+1.7	−2.7	+4.6	−1.8	−1.0	+1.9	−5.6	−1.7	+ .3
1926	− .2	+ 1.2	−4.2	−3.3	−1.3	−4.1	− .8	+ .8	−1.4	−1.6	−1.2	−5.3
1927	− 1.8	+ 5.5	+2.6	−2.2	−2.3	−3.6	−1.1	−4.9	− .3	+2.1	+4.2	+1.6
1928	+ 1.5	+ 1.5	−1.0	−2.3	−2.4	−2.4	+ .4	+2.5	−3.3	+1.4	+1.4	+2.6
1929	− .3	+ 1.0	+5.6	+1.4	− .5	+ .5	− .8	−2.2	+1.1	−2.4	+ .8	+ .1
1930	− .7	+ 5.0	+ .7	−2.1	+2.3	+1.8	+ .5	− .9	+3.5	−2.1	+ .4	− .7
1931	+ .6	+ 2.7	− .1	+ .1	0	+ .3	+2.8	+1.5	+4.6	+3.6	+6.6	+5.9
1932	+11.4	+ 5.3	−2.7	−1.4	+ .1	+ .3	0	+1.5	+ .5	+1.5	−1.7	+2.3
1933	+ 7.5	+ 2.9	−1.1	+ .7	+2.8	+2.0	− .4	+ .7	+2.1	−1.1	−3.1	−1.9
1934	+ 2.6	−12.0	−2.8	− .3	+1.9	+3.6	+2.0	−2.2	+1.4	−2.1	+3.6	− .5
1935	− 2.8	− .5	+3.7	−1.0	−2.6	− .1	+2.2	+ .4	−2.7	+ .1	+4.1	−4.8
1936	− 3.8	− 6.2	+6.0	−1.7	+2.7	+ .1	+ .8	+2.2	+1.0	+ .9	−2.6	+3.8
1937	+ 9.3	+ 3.4	−3.5	− .4	+2.1	+1.5	+ .8	−2.5	−1.5	0	− .5	
1938	0	+ 4.9	+3.9	+3.3	−1.2	−1.8	+ .9	+3.4	−2.3	+1.5	+1.9	+1.1
1939	− .1	+ 5.7	+ .8	−1.4	+2.9	+1.8	− .4	+3.3	+ .6	+ .2	−2.2	+1.5
Average 1885–1939	31.0	30.6	39.3	49.7	60.4	69.0	73.8	72.0	65.9	54.7	43.7	33.7

TABLE 26.—*New Mexico: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1892	+0.36	+0.27	+0.57	−0.36	−0.73	−0.86	−0.79	−1.78	−1.52	+0.18	−0.22	−0.03
1893	− .21	+ .21	− .14	− .80	+ .19	−1.07	− .38	+ .91	+1.26	−1.07	− .47	− .45
1894	− .29	+ .15	− .30	− .37	− .34	− .55	−1.29	+ .76	− .67	− .52	− .63	+ .10
1895	+ .50	+ .04	− .57	− .74	+ .92	− .35	+1.87	+ .03	−1.04	− .01	+ .58	− .09
1896	− .28	− .29	− .44	− .36	−1.11	− .29	+ .12	− .85	+ .23	+2.52	− .42	− .02
1897	+ .47	+ .02	+ .31	− .34	+1.60	+ .07	− .46	− .12	+ .74	+ .66	− .58	− .27
1898	+ .20	− .46	− .24	+ .13	− .65	+ .86	+1.34	− .15	− .95	− .99	+ .01	+ .51
1899	− .23	− .30	− .25	− .62	−1.07	− .23	+1.59	−1.53	− .04	− .68	+ .14	− .22
1900	− .12	− .30	− .08	+ .55	+ .11	− .26	− .57	−1.03	+1.43	− .06	− .20	− .37
1901	− .07	+ .30	− .26	− .16	+ .51	− .73	+ .23	− .05	− .34	+ .44	+ .73	− .52
1902	− .15	− .52	− .39	− .80	− .06	− .86	−1.01	+ .31	− .73	− .70	+ .11	+ .35
1903	− .35	+ .57	− .27	− .43	− .74	+2.64	−1.67	− .43	− .24	−1.00	− .64	− .61
1904	− .40	− .56	− .56	− .71	− .45	+ .40	− .62	− .18	+2.65	+ .75	− .44	+ .11
1905	+ .57	+1.20	+1.58	+1.97	− .62	+ .27	+ .13	− .99	+ .39	− .74	+2.41	+ .36
1906	− .15	− .03	− .02	+ .69	− .68	− .81	+ .96	− .10	− .01	− .15	+ .74	+1.03
1907	+ .62	− .46	− .56	+ .62	+ .24	− .07	− .22	+1.68	− .65	+ .75	+ .18	− .42
1908	− .05	+ .21	− .41	+ .65	− .52	− .82	+ .27	+ .96	−1.13	− .70	+ .21	− .41
1909	− .31	− .28	+ .45	− .57	− .56	− .35	− .38	+ .66	+ .07	− .32	− .07	+ .07
1910	− .17	− .37	− .49	− .25	− .78	− .34	− .90	+ .38	−1.10	− .41	− .12	− .41
1911	+ .02	+1.06	− .12	+ .04	+ .14	− .08	+2.03	− .61	+ .09	+1.03	− .25	+ .15
1912	− .48	+ .22	+ .46	+ .06	− .21	+ .85	− .33	+ .44	− .59	− .31	− .46	− .15
1913	+ .01	+ .35	− .20	+ .35	− .85	+1.83	−1.25	− .83	+ .39	− .50	+ .75	+ .89
1914	− .33	− .41	− .35	+ .67	+1.44	+ .65	+2.31	− .08	−1.02	+1.22	− .33	+1.26
1915	+ .34	+ .34	+ .59	+2.52	− .21	− .71	+1.18	− .28	+ .55	− .79	− .43	+ .12
1916	+1.37	− .51	+ .20	+ .66	− .75	− .86	− .07	+1.38	− .72	+1.61	− .51	− .27
1917	+ .19	− .20	− .53	− .46	+ .22	− .97	−1.00	+ .11	− .24	−1.04	− .35	− .66
1918	+ .52	− .10	+ .10	− .41	− .70	− .14	− .09	− .11	− .71	+ .82	+ .54	+ .94
1919	− .41	− .02	+1.81	+1.30	+ .58	+ .53	+ .82	− .61	+1.88	+ .45	+ .41	− .21
1920	+ .29	+ .12	− .16	− .25	+ .40	+1.05	− .82	+ .50	− .55	+ .67	− .40	− .40
1921	+ .05	− .25	− .13	− .61	+ .87	+2.29	+1.89	+ .38	− .82	− .83	+ .51	− .29
1922	− .06	− .28	− .13	+ .44	− .14	+ .20	−1.20	− .88	+ .75	− .79	+ .44	− .41
1923	− .24	+ .43	+ .12	+ .39	− .73	+ .24	− .52	+1.36	+ .22	+1.74	+ .86	+1.17
1924	− .36	− .31	+ .53	− .11	− .53	− .85	+ .40	− .82	−1.09	− .60	− .29	+ .26
1925	− .31	− .51	− .44	− .72	+ .09	− .28	+ .97	+ .57	+ .29	+ .30	− .32	− .20
1926	+ .09	− .57	+1.34	+ .84	+1.23	− .16	− .07	− .86	+ .58	+ .22	− .47	+ .85
1927	− .43	+ .14	− .04	− .49	−1.06	+1.04	+ .24	+ .55	+1.00	− .88	− .53	− .02
1928	− .55	+ .40	− .37	− .09	+1.42	− .69	− .60	+ .83	−1.11	+1.19	+ .44	− .20
1929	− .28	+ .02	+ .19	− .66	+1.42	− .80	+ .98	+1.15	+ .41	+ .07	− .12	− .56
1930	+ .06	− .47	+ .07	− .27	− .02	− .22	+1.04	− .27	− .67	+ .99	+ .29	− .31
1931	− .12	+ .77	+ .24	+1.44	− .11	− .50	+ .04	+ .65	+ .81	− .16	+ .62	+ .22
1932	+ .31	+ .17	− .02	− .18	+ .40	+ .30	+ .07	+ .26	+ .88	− .11	− .63	+ .33
1933	− .11	− .12	− .59	− .46	− .50	+ .88	− .24	+ .64	− .40	− .27	+ .01	− .43
1934	− .36	− .14	− .28	− .37	− .02	− .74	−1.18	+ .15	− .78	− .58	+ .17	− .21
1935	+ .28	+ .01	− .36	− .30	+1.17	− .42	−1.18	+1.14	+ .59	− .73	+ .41	− .18
1936	+ .29	− .01	− .43	− .55	+ .60	− .32	− .45	− .35	+1.09	− .53	− .17	− .09
1937	− .19	+ .20	+ .48	− .47	+1.79	+ .79	−1.06	− .86	+ .54	+ .01	− .53	− .12
1938	0	+ .24	+ .10	− .36	− .51	+1.05	− .21	−1.40	+1.61	− .03	− .37	+ .08
1939	+ .82	− .11	+ .01	+ .02	− .46	− .62	− .07	− .66	+ .14	− .22	− .02	− .03
Average 1892–1939	.57	.72	.75	.86	1.18	1.26	2.52	2.42	1.69	1.13	.64	.68

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1892	−2.2	+2.0	−1.0	−1.1	−0.6	−0.9	+0.5	+0.1	+2.2	−1.1	+0.1	−1.7
1893	+1.5	+ .4	−1.1	+1.3	−1.0	+2.3	− .6	−2.0	−2.9	−2.6	−1.9	+2.8
1894	−2.9	−6.4	− .9	+2.4	+3.5	−1.4	+ .7	−1.4	−1.7	+1.9	+3.6	+3.7
1895	− .3	−4.8	+1.3	+3.3	+1.5	0	− .4	+ .8	+2.9	− .5	−2.5	−2.5
1896	+3.4	− .3	+1.1	+1.1	+3.2	+3.9	+ .5	+1.2	+ .4	−2.2	− .2	+3.6
1897	−3.5	−1.4	−3.1	− .6	+1.2	− .5	− .8	− .2	+ .7	+1.9	+4.1	− .7
1898	−2.3	+3.8	− .9	+3.4	− .3	+ .3	+ .2	+ .3	− .6	− .2	−2.1	−5.5
1899	−1.9	−3.9	+1.4	+2.1	+ .2	+ .3	+ .7	+2.1	+1.9	− .4	−2.7	+2.2
1900	+5.3	+1.0	+3.6	−2.4	+2.5	+2.3	+1.1	+ .9	− .1	+ .9	+2.3	+1.0
1901	+1.9	+1.2	−1.0	− .9	+1.5	+ .4	+2.8	+3.1	+ .8	+2.1	+4.0	+2.2
1902	+2.1	+2.3	−2.9	+4.4	+2.9	+3.8	−1.0	+ .6	−2.1	− .2	+ .2	+ .3
1903	+1.4	−7.1	− .5	0	−1.3	−4.4	+1.1	+ .8	−1.0	− .3	+2.8	+ .4
1904	−1.7	+5.0	+3.8	+1.8	+1.6	+ .3	+ .1	− .1	0	− .7	+ .7	+1.5
1905	+1.6	−2.2	+3.9	−2.0	− .1	+ .8	−1.4	+1.9	+3.0	− .7	+1.6	−4.4
1906	+ .6	+2.0	+ .7	+1.1	+ .9	+1.4	−2.1	−2.0	− .9	−2.0	−1.5	+5.9
1907	+4.4	+6.7	+5.7	+ .5	−4.5	−3.0	0	+ .2	+ .7	+ .9	−1.9	+3.3
1908	+1.6	+ .5	+4.0	+ .8	−2.1	− .1	−1.5	− .9	− .3	−1.9	−1.3	+2.4
1909	+8.0	+1.4	−2.2	− .1	−2.1	+1.1	+ .9	+ .6	−1.1	+ .4	+2.8	−6.0
1910	+2.1	−2.0	+6.3	+1.9	+1.7	+1.6	+1.9	+1.1	+2.2	+ .2	+3.4	+2.4
1911	+6.5	− .8	+3.9	+1.0	+ .9	+ .4	−2.0	0	+2.8	−1.6	−3.5	−6.6
1912	+ .2	−2.3	−2.3	−4.2	− .7	−3.0	−1.0	− .5	−3.8	−1.8	−1.6	−4.7
1913	−4.5	−3.4	−4.1	−1.2	+1.3	−2.8	0	+ .3	−4.1	−1.7	+3.7	−4.6
1914	+5.0	− .1	− .6	+ .4	+ .5	+ .6	−2.2	− .6	+1.3	− .7	+2.5	−3.3
1915	−3.9	−1.0	−5.8	+1.4	−2.9	−1.0	− .5	−2.4	− .9	+ .3	+1.1	+2.4
1916	+2.2	+4.0	+4.5	−1.1	+ .1	+ .7	− .5	−1.1	−1.3	− .8	−1.1	−1.7
1917	− .9	− .7	−3.4	−1.7	−7.7	−1.0	+1.4	− .4	+ .4	− .2	+3.2	+5.0
1918	−3.8	+2.4	+2.8	−1.7	− .7	+3.0	+ .2	− .8	−1.0	+1.3	−4.0	−4.9
1919	−7.6	−4.8	−3.0	+ .4	− .1	−3.3	−1.4	+ .6	+ .2	− .8	− .7	+3.0
1920	+2.2	+3.6	−2.0	−4.8	0	−2.2	− .7	−2.6	− .4	−1.7	−1.0	− .3
1921	+3.8	+1.1	+3.9	−2.8	− .3	−2.5	−1.9	− .9	+1.7	+2.6	+2.8	+6.0
1922	−2.3	0	−2.4	−1.5	+ .3	+ .6	+1.7	+2.2	+2.2	+ .4	−2.2	+4.2
1923	+5.2	−1.9	−4.2	−1.0	+1.7	− .2	+ .4	−1.4	−1.9	−2.8	− .3	−1.4
1924	−3.0	+1.6	−4.9	−1.5	− .3	+3.2	− .6	+1.4	− .1	+1.1	+2.8	−3.7
1925	−4.1	+3.5	+3.6	+3.5	+3.1	+ .8	+ .4	−2.4	− .4	− .8	−1.5	−2.1
1926	−4.5	+3.6	−2.1	−1.7	−2.1	−1.1	−2.1	− .2	+1.5	+2.0	+1.5	−1.1
1927	+4.8	+4.3	− .4	+1.8	+3.3	−1.0	+ .5	− .8	− .3	+ .6	+5.2	−3.5
1928	+2.2	−1.5	+2.0	−2.3	+ .4	− .2	+ .6	−2.0	−1.0	+2.0	−2.2	−1.1
1929	−1.1	−5.8	+1.5	− .7	−1.5	− .1	− .3	−1.5	− .9	− .6	−6.3	+2.0
1930	−4.9	+4.5	−3.1	+3.8	−3.1	+ .2	−2.0	− .3	− .6	− .5	−2.4	−3.9
1931	−1.7	+1.3	−3.3	−1.0	−1.6	+ .7	+ .1	−1.4	+2.7	+2.1	−1.5	−2.5
1932	−4.8	+4.2	−3.3	+ .7	0	−1.8	+ .4	+ .4	−1.5	−1.5	+ .5	−4.8
1933	−1.6	−6.3	+1.5	−3.8	−2.4	+ .3	+1.8	+ .4	+3.6	+2.9	+2.2	+5.6
1934	+1.1	+4.1	+3.3	+3.3	+4.8	+ .9	+3.0	+2.6	− .4	+3.3	+ .9	+1.8
1935	+3.9	+ .6	+1.3	+ .4	−4.2	0	+ .5	+ .3	−1.9	+ .8	− .9	− .5
1936	−1.5	− .3	+1.0	+ .5	+1.5	+1.8	+ .2	+1.0	−1.5	−1.5	−1.7	+1.2
1937	−7.1	−1.6	−3.5	+ .1	+1.6	− .5	+ .9	+2.7	+1.2	+1.7	+ .4	+1.5
1938	+ .5	+1.2	+1.0	− .4	−1.0	− .5	−1.6	+1.2	− .7	+1.0	−4.0	+1.9
1939	− .3	−8.2	+ .6	+1.3	+1.2	+ .9	+ .2	− .2	+1.8	− .8	− .5	+3.9
Average 1892–1939	33.6	37.2	43.8	51.5	59.6	68.9	72.3	70.7	64.4	53.7	42.4	34.1

TABLE 27.—*New York: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1890	+0.71	+0.87	+0.67	−0.37	+2.56	+0.56	−0.51	+1.28	+2.86	+2.25	−0.65	+0.36
1891	+1.31	+1.32	+ .25	− .76	−1.83	−1.11	+ .65	+ .39	−1.77	− .30	− .04	+1.19
1892	+1.34	− .52	+ .11	−1.67	+2.17	+1.63	+ .69	+2.69	−1.11	−1.59	+1.14	−1.43
1893	− .81	+1.94	− .62	+ .47	+2.31	−1.18	− .60	+2.53	− .29	− .89	− .86	+ .96
1894	− .04	+ .14	−1.33	− .28	+2.07	− .24	−1.31	−2.18	+1.48	+1.33	− .35	+ .10
1895	+ .14	−1.04	−1.44	− .15	− .83	− .90	− .77	+ .32	−1.18	−1.36	+1.16	+ .79
1896	−1.12	+2.82	+1.87	−1.77	− .91	− .46	+1.01	− .81	+1.14	− .73	+ .36	−1.48
1897	− .58	− .84	+ .35	− .07	+ .71	− .02	+2.92	− .73	−1.51	−2.20	+1.98	+ .99
1898	+1.33	+ .26	− .91	− .07	+1.02	−1.69	− .72	+2.35	− .39	+1.89	+ .78	− .32
1899	− .59	− .23	+1.62	−1.53	− .53	−1.26	− .17	−1.91	+ .97	−1.03	− .80	+ .49
1900	+ .23	+1.17	+1.03	−1.56	−1.08	−1.02	+ .21	− .51	−1.22	− .25	+2.41	− .53
1901	− .87	−1.26	+ .47	+2.20	+1.60	− .30	+ .39	+1.32	− .03	−1.27	− .24	+2.14
1902	− .88	+ .37	+ .57	+ .04	− .54	+1.50	+2.88	− .98	+ .45	+ .68	−1.58	+1.29
1903	− .06	+ .38	+1.54	− .52	−2.76	+3.30	+ .31	+2.31	−1.90	+2.59	− .92	− .15
1904	+ .51	− .24	+ .08	+ .36	− .15	− .27	+ .70	+ .17	+ .80	− .10	−2.02	− .36
1905	+ .29	−1.25	− .63	− .52	−1.35	+1.84	+1.19	+ .41	− .41	+ .11	− .79	+ .16
1906	−1.11	−1.07	+ .37	− .56	+ .56	+ .64	− .15	− .35	− .75	+1.22	− .71	+ .24
1907	− .03	−1.25	−1.15	+ .01	− .06	− .37	− .86	−2.26	+2.42	+1.13	+ .65	+1.07
1908	− .49	+1.08	− .36	− .10	+1.64	− .95	− .12	− .98	−2.09	−1.18	−1.57	− .49
1909	+ .38	+1.57	− .20	+ .68	+ .26	− .79	−1.01	− .72	− .53	−1.47	− .99	− .30
1910	+1.22	+1.59	−2.05	+ .59	+ .68	− .82	−1.35	− .70	+ .19	− .91	+ .14	− .47
1911	− .55	− .10	− .28	−1.14	−1.21	+ .38	−1.13	+ .83	+ .04	+ .79	− .07	− .12
1912	− .77	− .41	+ .70	+ .82	+1.31	−2.49	− .92	+ .18	− .88	+ .41	+ .40	− .07
1913	+1.39	− .72	+2.66	+ .36	− .35	−1.65	−1.66	−1.19	− .82	+2.07	+ .99	− .57
1914	− .32	− .53	+ .46	+1.61	− .35	− .38	− .64	+ .97	−1.98	−1.37	− .58	+ .35
1915	+1.48	+ .90	−2.41	−1.38	− .84	− .32	+2.41	+1.92	− .46	− .14	− .73	+1.33
1916	− .79	+ .78	+ .25	+ .13	+ .93	+1.08	− .59	−1.55	+ .30	−1.20	− .36	− .10
1917	− .23	− .73	− .06	− .87	+ .38	+2.14	− .31	0	−1.45	+3.14	−1.97	− .46
1918	− .29	− .15	− .66	+ .01	+ .54	0	− .56	− .82	+1.82	+ .05	− .72	− .14
1919	− .96	− .61	+ .71	− .24	+1.62	− .74	+ .56	+ .05	− .08	+ .16	+ .23	− .97
1920	− .72	+ .18	− .28	+ .78	−1.79	0	+1.05	− .14	+1.16	−1.23	+1.09	+1.32
1921	−1.30	− .13	+ .27	+2.65	−1.16	− .89	+ .39	− .63	− .94	− .68	+2.25	−1.18
1922	− .76	− .14	+ .77	+ .15	− .11	+4.20	− .60	+ .98	−1.48	− .83	−1.56	− .22
1923	+1.42	− .87	− .63	− .40	− .84	− .16	−1.05	−1.71	+ .05	0	+ .02	+ .48
1924	+ .29	− .04	−2.05	+1.61	+1.12	− .90	− .51	− .14	+2.86	−2.76	− .76	− .89
1925	+ .52	− .23	+ .50	− .48	− .69	+ .53	+ .93	−1.20	+1.41	+ .80	+ .64	− .47
1926	− .58	+ .72	− .81	+ .01	−1.75	− .07	− .54	+1.12	+ .61	+1.58	+1.11	− .50
1927	− .79	+ .28	−1.07	−1.02	+1.30	−1.41	+ .99	+ .85	−1.24	+2.54	+4.40	+1.52
1928	− .56	− .03	− .05	+ .62	− .97	+2.48	+ .83	+ .84	−1.00	− .63	− .07	−1.58
1929	+ .32	− .22	+ .16	+3.32	+1.04	− .20	− .79	− .94	− .26	+ .61	+ .03	+ .80
1930	+ .15	− .98	+ .48	− .92	+ .20	+ .68	− .92	−1.38	− .82	−1.77	− .64	−1.05
1931	− .55	− .90	− .78	+ .33	+1.34	− .20	+1.50	− .74	+ .37	− .86	− .73	+ .15
1932	+1.31	− .43	+ .96	− .57	− .76	− .42	+ .76	+ .09	−1.70	+2.74	+1.97	− .91
1933	−1.38	+ .36	+ .73	+ .98	− .03	−1.53	−1.75	+2.63	+ .53	− .79	− .61	− .04
1934	− .17	−1.01	− .22	+ .42	−1.27	− .11	−1.01	−1.41	+1.89	− .82	− .21	− .12
1935	+ .70	− .46	− .98	− .25	− .90	+ .80	+2.48	−1.53	+ .10	− .55	+ .46	−1.06
1936	+ .57	− .52	+2.49	+ .46	− .73	−1.14	−1.76	+ .40	− .30	+1.24	− .24	+ .54
1937	+1.89	− .35	− .51	+ .60	+ .42	+1.56	− .70	+1.19	− .83	+1.47	+ .23	− .40
1938	− .06	+ .30	− .60	− .41	− .42	− .01	+1.22	+ .52	+4.01	−2.00	− .19	− .01
1939	− .11	+1.07	+ .12	+ .37	−1.75	− .54	−1.53	− .93	− .29	+ .22	−1.39	− .05
Average 1890–1939	2.97	2.70	3.05	2.99	3.43	3.65	3.89	3.79	3.49	3.30	2.98	2.91

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1890	+ 7.6	+ 7.3	−2.8	+0.5	−1.6	+1.5	−1.1	−1.6	−1.8	−1.5	−0.5	− 5.3
1891	+ 1.3	+ 5.1	−1.9	−1.4	−2.4	0	−4.3	− .2	+2.5	−2.2	− .8	+ 9.1
1892	− 1.9	+ 2.8	−5.9	−1.2	−1.8	+2.7	− .5	+ .5	−1.6	−1.8	−2.3	− 2.9
1893	− 8.3	+ 2.0	−2.7	−2.6	−1.0	+2.9	− .8	+ .4	−4.2	+1.0	− .6	− 1.4
1894	+ 3.1	− 2.2	+5.6	+ .9	+ .8	+1.8	+1.2	−1.9	+2.6	+1.2	−3.4	+ 1.8
1895	− 2.6	− 5.3	−5.0	+ .6	+2.7	+4.3	−2.9	+ .5	+1.7	−6.0	+1.0	+ 3.4
1896	− 3.1	+ .3	−7.3	+3.8	+5.0	− .3	+ .7	+1.3	−1.5	−3.9	+3.9	− 1.5
1897	+ 1.0	+ 2.1	+ .7	+ .9	− .4	−3.4	+2.4	−1.6	− .9	+1.0	− .4	+ 1.4
1898	− .2	+ 3.8	+7.8	−1.4	+ .3	+1.8	+2.5	+2.4	+2.6	+1.5	− .5	+ .2
1899	− 1.3	− 2.0	−2.1	+2.5	+1.2	+2.5	+ .6	+1.7	−2.0	+2.5	+ .6	+ 2.3
1900	+ 1.8	+ .2	−7.0	+1.0	− .2	+1.6	+ .9	+3.8	+2.8	+5.9	+1.8	− .6
1901	− .3	− 6.4	−1.5	+1.0	− .4	+1.7	+3.3	+1.4	+ .2	− .3	−5.4	− .8
1902	− 2.6	− 1.6	+5.7	+1.1	−1.5	−3.7	−1.4	−2.6	− .4	− .9	+5.5	− 3.4
1903	− .5	+ 3.5	+9.2	+ .3	+2.3	−4.4	−2.0	−5.2	0	+ .4	−4.0	− 5.6
1904	− 8.3	− 7.0	−2.4	−3.7	+3.2	+ .3	− .7	−1.6	−2.0	−2.1	−3.3	−3.8	− 7.0
1905	− 5.1	− 6.3	−1.0	− .6	− .9	+ .7	+ .5	−2.3	− .1	+ .1	−2.4	+ 2.8
1906	+ 7.0	+ .3	−5.8	+ .4	− .2	+1.4	− .3	+3.0	+2.8	0	−1.3	− 3.0
1907	− .8	− 6.2	+2.4	−4.7	−5.6	−2.1	− .7	−1.9	+ .1	−4.3	−1.2	+ 3.1
1908	− .2	− 3.7	+ .5	−1.0	+2.2	+ .9	+1.4	−1.1	+2.6	+2.2	+ .7	− .4
1909	+ 2.0	+ 4.6	−2.8	−1.3	−1.0	+ .1	−2.4	−1.2	−1.7	−3.3	+3.7	− 3.0
1910	+ .1	− 2.1	+6.6	+4.4	−1.9	−2.3	+ .4	−1.1	− .9	+1.1	−3.6	− 7.5
1911	+ 1.4	− .5	−1.9	−2.1	+6.9	− .9	+1.4	+ .5	−1.9	−1.3	−3.4	+ 5.9
1912	− 9.8	− 4.0	−5.2	− .9	+2.4	−3.2	− .1	−3.6	− .1	+1.6	+2.5	+ 4.7
1913	+ 8.6	− 2.0	+4.0	+2.8	−1.3	− .9	−1.0	0	−1.8	+3.2	+3.3	+ 4.2
1914	− .7	− 7.7	−2.6	−2.8	+2.0	−1.4	−1.5	+ .1	−1.6	+2.0	−1.9	− 2.6
1915	+ 1.6	+ 5.0	−3.0	+5.5	−4.2	−1.9	−1.7	−2.1	+2.7	+1.1	+1.4	− 1.0
1916	+ 5.2	− 3.7	−8.2	− .1	0	−4.2	+2.9	+2.3	− .2	+ .5	− .5	− .4
1917	− .6	− 4.1	− .1	−1.5	−7.8	−1.7	+1.1	+1.6	−3.2	−4.6	−4.2	−10.1
1918	−10.7	− 1.3	+2.1	+ .6	+5.0	−3.3	− .8	+2.3	−4.8	+2.0	+2.1	+ 4.4
1919	+ 4.6	+ 4.7	+2.8	−1.2	0	+4.3	+ .5	−1.8	+ .5	+2.6	− .3	− 5.4
1920	− 9.4	− 2.5	+1.4	−2.3	−1.9	+ .8	−2.6	+1.4	+1.4	+5.7	−1.3	+ 3.1
1921	+ 2.3	+ 4.5	+9.1	+7.7	+1.7	+1.4	+5.2	− .9	+4.3	+ .4	− .6	+ .7
1922	− 3.7	+ 3.8	+2.4	+1.1	+3.2	+1.3	− .6	− .7	+1.6	+ .7	+1.6	0
1923	− 2.6	− 4.7	−3.8	− .9	−2.6	+1.5	−1.9	−1.5	+ .6	− .8	+ .7	+ 8.5
1924	+ 1.6	− 3.8	− .3	−1.5	−4.9	−2.2	−1.7	− .2	−3.5	0	+ .7	− 2.3
1925	− 4.2	+ 8.0	+5.0	+2.0	−3.8	+3.1	−2.1	0	+ .5	−7.1	− .4	+ .5
1926	+ 1.0	− 1.0	−5.2	−4.7	−2.0	−4.2	− .8	+ .7	−1.0	−1.5	+ .3	+ 4.9
1927	− 1.3	+ 6.1	+4.0	− .6	−2.0	−3.4	−1.1	−4.0	+ .4	+3.1	+4.3	+ 1.9
1928	+ 2.2	+ 1.9	−1.1	−2.4	−1.3	−2.6	+ .7	+3.2	−3.0	+1.9	+1.9	+ 5.0
1929	− .5	+ .5	+6.0	+1.7	− .6	+1.0	− .8	−2.5	+2.0	−1.9	+ .7	− .2
1930	+ 1.3	+ 5.5	+ .1	−1.1	+1.7	+2.6	− .4	− .2	+2.8	−1.2	+3.0	+ 1.1
1931	+ .3	+ 2.6	+1.6	+1.7	+1.1	+ .3	+2.9	+1.0	+4.0	+3.2	+7.8	+ 4.3
1932	+11.5	+ 5.1	−3.5	−2.5	+ .8	− .1	− .2	+1.4	+ .6	+2.5	−1.9	+ 4.3
1933	+ 9.5	+ 4.6	−1.0	+2.2	+2.9	+3.0	+1.6	+ .5	+1.6	−1.5	−5.4	− 2.3
1934	+ 1.9	−12.3	−2.2	+ .5	+2.3	+3.4	+1.9	−2.3	+3.1	−2.5	+4.0	− 2.7
1935	− 3.5	+ .2	+2.9	−1.1	−4.5	− .5	+3.0	+ .9	−3.0	+ .5	+3.2	− 4.7
1936	− 2.5	− 6.9	+6.8	−2.1	+2.9	+ .6	+ .5	+1.7	+ .9	+ .4	−3.9	+ 3.7
1937	+ 8.2	+ 5.4	−4.9	− .7	+1.7	+1.1	+1.3	+4.8	−1.7	−1.9	+ .8	− .7
1938	− .9	+ 5.0	+4.9	+2.4	−1.0	+ .5	+1.1	+3.7	−3.6	+2.4	+2.8	+ 2.1
1939	+ .2	+ 4.1	−2.2	−2.5	+2.5	+1.0	+ .4	+4.0	+ .9	0	−3.0	+ 1.4
Average 1890–1939	23.3	22.5	32.2	44.2	56.0	65.0	69.7	67.6	61.2	50.0	38.0	26.8

TABLE 28.—*North Carolina: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1887	−0.50	−0.16	−0.98	−0.75	+0.49	−0.45	+0.22	+3.88	−1.87	+3.37	−1.36	+0.89
1888	+.35	+.17	+2.13	−1.80	+2.98	−1.40	−2.65	−.85	+5.08	+1.29	+.73	−.45
1889	+1.46	−.36	−1.31	+.01	+.56	+1.22	+1.82	+.04	+.06	−.87	+1.56	−3.22
1890	−2.39	+.12	−.80	−.87	+.73	−1.86	+1.28	+.85	+1.35	+.94	−2.30	−.22
1891	+.86	+1.62	+3.50	−1.40	+1.30	−1.30	+.84	+2.72	−1.87	−.80	+.42	−1.47
1892	+2.25	−.73	−.90	+.41	−.46	+2.21	−.18	−1.67	−.50	−2.76	−1.01	−1.00
1893	−.89	+1.33	−1.89	−.84	+2.42	+1.07	−1.90	+1.62	+1.63	+2.19	+.12	−.68
1894	+.11	+.74	−2.15	−1.87	−.06	−2.07	+.16	+.62	+.79	−2.15	−1.23	−.28
1895	+2.61	−1.66	+1.07	+3.73	+.77	−1.16	−.66	−.01	−2.73	−1.49	+.50	−.40
1896	−1.01	+1.56	−1.61	−1.63	+.22	+.67	+2.28	−3.20	+1.33	−1.45	+2.02	−1.30
1897	−1.50	+1.82	+1.36	+.06	−.33	−.70	−.31	−2.10	−2.51	+.64	+.24	−.14
1898	−1.17	−3.05	−.18	+.08	−.37	−1.28	+1.07	+2.43	+.26	+3.07	+.59	−1.07
1899	+.20	+3.87	+2.84	−.05	−.73	−.62	+.60	−1.33	−1.34	+.96	−1.11	−.87
1900	−.47	+1.72	+.28	+1.12	−1.36	+1.36	−1.87	−2.51	−1.53	−.21	+1.52	+.69
1901	−.87	−2.15	+.51	+2.21	+3.88	+.67	+.68	+6.67	+1.65	−1.72	−1.37	+2.84
1902	−1.43	+1.97	−.39	−1.18	−1.47	−.19	−3.17	−1.58	+.58	+.26	+1.34	+.06
1903	−.09	+2.63	+3.28	+1.19	−2.07	+1.41	−2.12	−.25	−1.26	+.24	−.84	−1.65
1904	−.85	−.36	−.09	−2.15	−.63	−.09	−.50	+.73	−.72	−1.97	+.71	−.47
1905	−.90	+1.46	−1.77	+.48	+2.63	−1.54	+1.89	+1.00	−1.45	−.96	−1.94	+3.17
1906	+2.06	−.86	+1.63	−2.01	−1.05	+2.63	+3.32	+3.75	+.40	+.96	−.82	−.29
1907	−3.03	−.68	−1.32	+.59	+.47	+2.33	−1.18	−1.12	+1.06	−2.43	+2.13	+1.56
1908	+.64	+.68	+.75	−.50	−.20	+.13	+2.22	+4.67	−1.29	+2.10	−1.00	+.45
1909	−1.61	+.12	−.85	+.54	+1.30	+3.23	−.19	+.50	−1.02	−1.47	+1.89	−1.02
1910	−.56	+.13	−2.57	−.35	+.93	+2.70	−.84	+1.77	−1.01	+.09	−1.88	−.17
1911	−.88	−1.99	−.51	+.52	−2.79	−1.91	−2.48	+.76	−.61	+.96	+1.10	+.42
1912	−.27	−.04	+2.39	+.43	+.56	+.97	−1.34	−2.74	+1.01	−1.73	−.12	−.86
1913	+.46	−.61	+2.81	−1.13	+.31	+.24	−1.16	−.85	+1.79	+1.15	−.93	+.08
1914	−1.18	+.23	−1.10	+.06	−2.68	−1.41	−1.20	−.86	−.82	+1.72	+1.03	+3.29
1915	+2.46	−.19	−1.59	−1.72	+1.57	−.24	−1.55	+.98	−.05	+.68	−.25	+.58
1916	−1.00	0	−1.95	−1.31	+.56	+1.75	+5.17	−.77	−1.31	−.20	−1.17	−.94
1917	+.24	−.74	+2.48	−.09	−1.26	+1.29	+1.82	−1.91	+2.98	−.54	−1.73	−1.87
1918	+.99	−2.51	−1.95	+2.75	−.41	−.89	−.39	−1.39	+.25	+1.70	−.25	+1.75
1919	+.95	−.23	−.18	−.66	+1.21	+.35	+2.80	−1.53	−2.75	+.51	−1.33	−1.24
1920	−.63	+.39	+1.30	+1.92	−2.21	+.18	+.11	+2.43	+.76	−2.40	+2.04	+2.02
1921	+.32	+.23	−1.34	+.41	+.42	−1.65	+.38	−2.33	−1.14	−.81	+.53	−1.36
1922	+.78	+1.70	+2.71	+.08	+1.01	+1.72	+1.06	−.33	−2.38	+1.15	−2.02	+1.26
1923	−.02	−.79	+1.07	+.56	+.26	−2.31	+.02	−1.02	−.02	−1.67	+.31	−.80
1924	+.95	+.27	−1.48	+.82	+1.21	+.62	+.51	−1.54	+6.68	−2.24	−1.24	+.82
1925	+2.36	−1.93	−1.70	−1.18	−1.26	−.78	−2.91	−2.76	−1.95	+.15	+.62	−1.09
1926	+1.47	−.04	+.09	−1.17	−2.39	−.80	−.45	−1.17	−2.29	−1.51	+1.57	+.36
1927	−2.55	−.12	−.79	−.85	−1.56	+.24	−.51	+.06	−2.00	+.61	−.05	+2.81
1928	−2.23	−.15	−.74	+2.29	+.70	+.80	−1.04	+2.88	+7.20	−.80	−1.08	−1.28
1929	−.09	+2.30	+1.74	−.50	+2.27	+1.33	−.08	−1.46	+1.84	+3.98	+1.82	−.75
1930	+.05	−2.74	−1.39	−1.46	−1.00	+.06	−2.21	−2.83	−.19	−1.17	+.63	+.63
1931	−1.59	−2.25	−.54	+.66	+.82	−2.14	+.16	+2.01	−2.27	−2.24	−1.81	+3.10
1932	+.93	−.98	+.35	−1.29	−.25	+.05	−3.10	−1.64	−.61	+4.11	+2.52	+2.63
1933	−.92	+.20	−1.50	+.39	+.52	−2.25	−.39	+.24	−1.02	−1.99	−1.58	−2.08
1934	−1.63	−.12	+1.74	−.02	+.48	+.20	+.72	+.12	+2.14	−.92	+2.33	−.96
1935	+.35	−1.28	+.81	+.51	−.59	−2.40	+1.51	−.38	+1.32	−1.86	+1.24	−.81
1936	+3.99	+.64	+2.02	+1.97	−3.16	−.49	+.92	−.83	+.79	+2.76	−.50	+2.50
1937	+4.05	0	−2.22	+2.24	−1.88	−.48	+.35	+1.89	−1.58	+1.75	+.33	−1.45
1938	−.91	−2.52	−.90	+.70	+.85	+1.46	+1.84	−2.67	+1.92	−2.02	+1.37	−.60
1939	+.18	+3.65	−.40	−.14	−1.17	−.31	+1.76	+1.47	−2.53	−1.16	−.75	−1.29
Average 1887–1939	3.80	4.08	4.20	3.62	4.06	4.69	5.91	5.51	3.98	3.35	2.65	3.81

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1887	−3.5	+6.1	−3.0	−0.8	+3.1	−0.2	+3.4	−0.2	−1.6	−1.1	−1.5	−0.2
1888	−.9	+2.8	−2.7	+1.7	+.8	+1.3	+.8	+2.6	−1.8	−2.6	+2.5	−.3
1889	+1.5	−3.2	−1.8	+1.2	+1.5	−.6	+.2	−2.4	−2.6	−2.7	+1.9	+1.04
1890	+8.8	+8.8	−2.0	+.8	+.7	+3.6	−.7	−1.9	+.2	−.7	+2.7	−1.4
1891	−.1	+5.3	−4.6	+1.2	−2.6	+1.4	−2.7	+.2	+.1	−3.9	−2.8	+3.4
1892	−3.6	+.4	−4.9	−1.6	0	+1.5	−.9	+1.3	−2.4	−1.7	−2.8	−3.0
1893	−11.5	+.9	−2.6	+1.7	−1.9	−.7	+1.5	−1.2	−1.0	−.6	−1.5	+1.6
1894	+2.0	+1.0	+4.3	−.6	+1.0	+.4	−.7	−1.1	+1.2	−.1	−2.1	+.7
1895	−2.8	−10.7	−1.9	−1.0	−2.7	+.5	−1.7	+.4	+3.2	−4.1	+.9	−.1
1896	−3.0	0	−2.8	+4.4	+5.4	−.9	+.5	+1.8	−.7	−2.4	+4.9	−1.9
1897	−4.3	+2.3	+1.9	−.3	−2.2	+.8	+.3	−.8	−.3	+2.3	+1.4	+1.4
1898	+2.6	−2.8	+4.4	−3.8	+1.6	+.8	+.8	+1.3	+1.3	+.4	−2.7	−.4
1899	−1.2	−6.3	0	−2.1	+1.7	+1.8	−.4	+1.8	−1.5	+.9	+1.1	−2.2
1900	−1.2	−3.5	−3.0	+.1	+.2	+.4	+2.3	+4.3	+3.9	+4.5	+2.7	−.8
1901	−.9	−4.7	+.5	−5.5	0	0	+1.9	+.6	−1.1	−1.0	−6.1	−2.7
1902	−3.5	−7.1	+.1	−1.6	+2.7	+.5	+1.7	−.4	−2.1	+1.4	+5.3	−.7
1903	−1.7	+2.1	+6.1	−.6	+.5	−3.7	+1.2	+.8	−2.0	−.9	−3.4	−5.8
1904	−5.7	−4.7	+.5	−3.1	−.5	−.6	−1.0	−.8	−1.1	−2.2	−2.2	−2.5
1905	−5.4	−8.6	+2.9	0	+2.4	+.6	+.4	−1.4	+.8	0	+.1	−1.0
1906	+2.2	−1.3	−3.9	+2.4	−.4	+.6	−1.3	+2.3	+3.0	−.9	+.7	+1.3
1907	+6.4	−2.8	+5.7	−6.6	−1.6	−3.5	+1.6	−.1	+1.5	−3.2	−1.7	+.3
1908	−2.3	+4.2	+5.9	+4.2	+.7	−.9	+.3	−.7	−2.1	−.4	+2.2	+2.8
1909	+4.0	+5.8	−.9	+2.2	−.9	+1.9	−1.0	−1.0	−2.3	−2.9	+4.7	−4.4
1910	−.9	−1.7	+6.0	+1.7	−1.9	−2.9	+.3	−.9	+1.3	+2.9	−4.5	−5.8
1911	+3.8	+3.7	−1.2	−2.4	+2.3	+2.3	−.2	+.9	+4.1	+2.8	−2.4	+3.2
1912	−6.7	−5.0	−1.5	+2.2	+.7	−2.5	−1.1	−.8	+2.7	+1.1	−1.8	+2.0
1913	+6.8	+.2	+2.5	−.4	+1.1	−1.1	+1.3	−.6	−2.9	+.2	+.3	+1.7
1914	+1.8	−3.7	−5.2	+.5	+1.1	+3.2	−.2	+.9	−2.9	+1.6	−1.4	−2.9
1915	−.7	+2.1	−8.0	+1.6	+1.1	−2.4	+.7	−.4	+1.4	+2.7	+1.6	−2.7
1916	+5.5	+.1	−1.7	−.7	+3.1	−1.8	−.9	+.4	−2.7	+.9	+.7	−.6
1917	+2.8	−1.2	−.7	+2.0	−4.9	−1.5	−.8	−1.1	−3.9	−4.5	−3.2	−9.8
1918	−10.1	+3.8	+4.6	−2.0	+2.9	−1.3	−3.9	+1.1	−5.2	+3.0	−.6	+3.6
1919	+.8	−1.4	+1.4	0	+.4	−.9	−.3	−.8	−1.1	+8.9	+1.4	−1.8
1920	−1.6	−4.1	−1.7	−1.2	−4.3	−1.1	−1.6	−1.3	+.9	+.6	−.9	0
1921	+.6	+2.0	+8.6	+2.1	−2.7	+1.1	+.7	−.6	+5.4	−.5	+3.7	+2.6
1922	−1.9	+4.8	+2.0	+2.5	+.4	+.8	−.1	−2.4	+.5	+1.4	+.2	+4.0
1923	+2.3	−1.8	+1.2	−.8	−2.0	+.5	−1.3	+.1	+.5	−1.8	−1.6	+6.7
1924	−2.1	−2.9	−3.4	−1.3	−2.9	+.6	−2.4	+.3	−4.5	−1.3	+.5	+.9
1925	−.9	+6.2	+2.2	+3.5	−3.3	+2.7	+1.1	−1.0	+5.3	−1.5	−2.0	−1.6
1926	−1.6	+2.2	−6.3	−1.8	−.5	−1.5	+.6	+2.3	+3.2	+1.9	−2.5	+1.3
1927	−.2	+8.6	+1.4	+1.0	+1.2	−2.6	−1.4	−3.1	+.5	+2.2	+3.7	+1.1
1928	−.7	0	0	−2.1	−2.5	−1.0	+.5	+1.7	−3.2	+2.5	+.5	+.2
1929	+1.1	−1.7	+4.1	+3.3	−.4	−1.7	−1.5	−1.2	−1.2	−1.8	+1.7	+.8
1930	+1.6	+4.3	−2.8	+.8	+1.5	−2.0	+1.3	−2.0	+3.3	−3.2	−2.0	−4.2
1931	−.7	+1.3	−5.6	−1.7	−1.9	0	+2.4	−.9	+3.1	+2.0	+5.9	+7.9
1932	+8.7	+6.9	−3.6	−.5	−1.1	+.5	+2.1	+.1	−.9	+.6	−1.7	+3.6
1933	+6.4	+1.0	−.3	0	+3.9	+1.3	−1.1	−.2	+4.1	+1.0	−.9	+5.8
1934	+2.8	−6.3	−2.3	+1.2	−.4	+2.1	+2.2	+1.0	+1.5	−.1	+2.3	−.6
1935	+.1	+.6	+5.5	−.8	−1.3	+.3	−.1	+.5	−.7	+.8	+3.3	−7.7
1936	−4.7	−4.3	+2.6	−1.5	+1.9	+.2	+1.3	+1.4	+1.5	+2.6	−1.0	+2.1
1937	+10.1	−.3	−2.0	−.2	0	+2.0	−.2	+1.0	−2.6	−2.5	−2.6	−1.4
1938	−.6	+5.2	+5.5	+1.7	+.9	−1.9	−1.2	+1.9	−.2	−.4	+3.0	−.5
1939	+1.9	+5.7	+3.1	+.1	−.3	+3.2	−.6	0	+1.8	+2.7	−3.0	+.3
Average 1887–1939	41.7	42.8	50.0	57.9	66.8	74.0	76.9	75.9	71.0	59.9	49.9	42.5

TABLE 29.—*North Dakota: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1892	−0.16	+0.12	+0.07	+1.23	−0.10	−0.06	+0.80	+0.39	−0.67	−0.43	+0.20	+0.08
1893	+ .51	+ .12	+ .19	+ .28	+. .69	− .03	− .39	− .69	+ .70	+ .04	− .02	+ .36
1894	− .09	− .24	+ .69	+1.61	− .79	+ .03	−1.80	− .86	− .13	+ .65	− .12	− .20
1895	+ .08	− .10	− .59	+ .81	+ .18	+1.26	+ .47	− .43	− .74	− .77	+ .50	− .18
1896	+ .29	− .05	+ .37	+2.38	+2.65	+ .61	− .92	− .88	+ .10	− .32	+1.64	− .13
1897	+ .29	+ .70	+ .60	− .34	−1.63	+ .34	+2.00	− .82	−1.23	− .24	− .27	− .27
1898	− .37	0	+ .03	− .04	− .32	− .22	+ .06	− .31	− .26	+1.22	− .25	− .25
1899	− .23	− .26	+ .20	− .06	+1.19	+ .40	− .09	+ .83	− .93	+ .16	− .28	− .17
1900	− .26	+ .01	+ .25	− .57	−1.61	−2.02	− .18	+3.06	+3.44	+ .53	− .27	− .18
1901	− .20	− .15	+ .10	− .44	−1.99	+2.73	+1.85	− .23	+ .50	+ .60	− .46	+ .25
1902	− .34	+ .52	+1.97	− .36	+1.27	+ .24	− .28	+ .30	− .77	+ .27	− .35	+ .02
1903	+ .18	− .08	− .21	− .19	+ .82	−1.97	− .20	+2.68	+1.48	− .07	− .33	+ .28
1904	− .08	+ .23	+ .65	− .04	− .70	+2.15	− .30	− .39	− .08	− .11	− .50	+ .16
1905	− .16	− .15	− .01	+ .61	+ .61	+ .92	+1.35	+ .43	+ .16	− .65	+ .77	− .33
1906	+ .21	− .28	− .38	+ .08	+2.61	+1.37	− .87	− .16	− .40	− .52	+ .90	+ .60
1907	+ .84	− .13	− .04	− .90	− .99	− .48	+ .63	− .27	− .12	− .40	− .51	− .19
1908	− .24	+ .58	+ .45	+ .10	+ .60	0	− .52	+ .16	− .27	+ .62	+ .35	− .13
1909	− .05	− .12	− .43	− .65	+2.16	+ .04	+ .30	+ .23	− .56	− .36	− .11	+ .79
1910	− .11	+ .13	+ .18	− .05	−1.27	−1.37	− .83	− .54	+ .28	− .50	− .19	− .06
1911	+ .36	+ .24	− .53	− .23	+ .60	− .36	− .73	+1.21	+ .86	+ .23	+ .05	− .14
1912	− .13	− .31	− .39	+ .93	+2.09	−1.40	+1.23	+ .88	+1.11	+ .06	− .52	− .06
1913	− .03	− .37	+ .09	− .78	− .59	− .96	− .21	+ .63	+ .23	+ .58	− .37	− .43
1914	0	− .12	+ .12	+ .04	− .18	+3.07	− .26	+ .29	− .48	− .08	− .26	− .02
1915	− .19	+ .16	− .54	− .39	+ .83	+1.40	+ .70	− .82	+ .81	+ .08	+ .36	+ .03
1916	+ .88	+ .02	+ .66	+ .02	− .20	+ .46	+ .53	+ .67	− .08	− .31	− .32	+ .69
1917	+ .24	+ .20	− .38	+ .26	−1.96	−1.34	− .89	−1.18	− .47	− .23	− .46	+ .10
1918	− .01	− .24	− .36	+ .76	− .03	−1.83	+ .30	+1.38	−1.11	− .48	+ .37	+ .39
1919	− .30	+ .16	+ .02	+ .10	+ .61	−1.20	− .57	− .41	− .57	+ .13	+ .56	− .02
1920	+ .49	− .16	+ .07	− .58	− .54	+ .12	− .32	− .47	+ .70	− .46	− .25	− .17
1921	− .24	− .07	+ .21	+ .35	+ .14	+ .21	+ .64	− .02	+1.70	− .35	+ .10	− .08
1922	+ .01	+ .73	− .05	− .50	+1.09	+ .38	+ .05	− .69	+ .59	− .43	+1.65	+ .19
1923	+ .04	+ .18	− .38	+ .03	− .53	+ .53	+ .62	− .16	+1.00	− .12	− .12	− .17
1924	− .25	− .07	− .28	+1.11	−1.49	+ .63	− .50	− .43	+ .58	+1.41	− .41	− .05
1925	− .24	− .17	− .08	+ .18	− .86	+2.59	−1.08	− .96	+1.16	− .20	− .35	− .21
1926	− .10	− .05	− .52	−1.14	− .10	− .80	− .39	+ .37	+ .79	+ .35	+ .03	+ .07
1927	− .06	− .10	− .04	+ .31	+3.38	− .59	+ .41	+1.13	− .51	+ .32	− .10	+ .31
1928	− .28	− .35	− .24	− .51	−1.22	1.48	+2.39	+1.09	− .51	− .55	− .11	− .17
1929	+ .14	− .17	+ .02	− .11	+ .69	−1.97	−1.16	−1.23	+ .14	+ .84	− .06	+ .32
1930	− .19	+ .72	− .67	− .17	+ .32	− .32	−1.39	− .55	− .49	+ .80	+ .28	− .30
1931	− .33	− .18	+ .18	− .99	− .89	−1.06	+ .60	+ .09	+ .63	+ .38	− .04	− .26
1932	+ .08	− .14	− .12	+ .72	− .15	+ .51	− .48	− .11	− .88	+1.26	− .08	− .29
1933	+ .32	− .18	− .31	− .09	+ .85	−1.64	− .43	−1.25	− .70	− .47	+ .06	+ .41
1934	− .28	− .40	− .27	− .98	−1.94	− .37	−1.25	− .85	− .55	0	− .31	− .19
1935	− .07	− .26	+ .50	+ .51	+ .31	− .37	+1.98	+ .35	−1.08	− .85	+ .14	+ .01
1936	+ .08	+ .24	+ .05	−1.03	−1.50	−2.07	−1.73	− .60	− .36	− .80	− .25	− .06
1937	+ .19	+ .03	− .37	+ .60	− .54	+ .62	+ .50	− .48	− .04	− .21	− .18	+ .05
1938	0	+ .22	− .17	− .33	+ .25	− .68	+ .91	− .50	− .88	− .46	+ .28	− .17
1939	− .01	+ .17	− .37	− .55	− .75	+1.18	− .62	+ .10	− .83	− .26	− .56	− .21
Average 1892–1939	.48	.46	.76	1.42	2.30	3.41	2.43	2.00	1.51	1.01	.59	.49

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1892	− 3.0	+ 0.4	+ 0.4	−3.8	− 7.0	−2.5	− 0.2	+0.8	+2.4	+ 3.4	− 4.4	− 5.9
1893	− 5.5	− 9.9	− 9.9	−7.1	− 1.4	+4.4	+ .6	+ .2	+ .3	− 3.2	− 4.3	− 8.3
1894	− 5.7	− 1.6	+ 1.0	+1.4	+ 1.0	+5.8	+ 2.8	+2.3	+1.4	− .8	− 3.6	+ 6.1
1895	− 9.2	− 3.7	− .6	+8.2	+ .8	−3.3	− 2.8	−2.0	− .2	− 3.3	− 6.1	+ .8
1896	− 1.0	+ 4.7	− 8.1	−1.3	+ 3.3	+2.6	− 1.4	−1.8	−3.8	− 3.6	−18.6	+ 3.4
1897	− 2.7	− 3.5	−11.9	− .6	+ 1.8	−1.3	0	−2.4	+7.3	+ 2.1	− 6.7	− 2.2
1898	+ 8.3	+ 3.7	− 2.5	+ .5	− .9	− .4	− 1.3	−1.1	0	− 5.0	− 3.7	− .9
1899	− 1.1	− 9.2	−16.3	−3.4	− 3.0	− .8	− .6	−1.3	−1.8	− 1.7	+ 9.3	− .2
1900	+ 9.1	− 8.3	− 3.5	+7.9	+ 5.6	+3.9	− 1.0	+3.9	−2.2	+ 4.4	− 6.3	+ 4.3
1901	+ 1.4	− 2.5	+ 1.5	+3.1	+ 6.4	−1.4	+ 1.9	+ .4	−3.2	+ 3.7	+ .1	− .6
1902	+ 6.4	+ 2.5	+ 3.6	−1.2	+ 2.3	−5.0	− 1.3	−2.2	−3.2	− .1	+ 2.9	− 5.2
1903	+ 3.1	− 6.5	− 1.7	+1.1	+ .7	− .6	− 2.2	−2.8	−5.2	+ 3.2	− 1.4	− 1.4
1904	− 2.7	−11.7	− 5.6	−4.0	+ .6	−1.6	− 4.5	−3.2	−2.1	+ 2.8	+ 9.0	+ 1.2
1905	− 5.4	− 1.4	+ 8.7	−1.2	− 3.5	−3.3	− 3.3	+1.0	+3.0	− 3.5	+ 4.9	+ 2.3
1906	+ 5.9	+ .2	− 5.3	+5.3	− 2.8	−1.0	− 2.0	− .2	+6.0	+ 1.2	− 2.9	− 4.6
1907	−12.5	+ 1.1	− .7	−9.5	− 9.6	−1.1	− 3.1	−2.0	−4.7	+ .6	+ 3.5	+ 7.1
1908	+10.7	+ 4.2	− 2.7	+2.5	− 2.8	−2.6	− .3	−3.3	+3.9	− .8	+ 4.4	+ 1.4
1909	− 2.8	0	+ .2	−7.2	− 2.6	− .1	− 1.8	+3.3	+2.2	− .7	+ 2.7	− 7.8
1910	+ 3.1	− 6.2	+17.5	+6.6	− 2.9	+4.3	+ 1.1	−3.4	−1.5	+ 4.4	− 2.8	− .1
1911	− 7.3	− 2.3	+ 6.8	+ .1	+ 1.4	+3.9	− 3.8	−4.3	−1.9	− 1.3	−10.0	+ 1.9
1912	−10.9	+ 2.2	− 8.4	+3.0	+ .6	−1.2	− 2.9	−3.1	−5.3	+ .6	+ 5.1	+ 5.9
1913	− 3.1	− 1.1	− 6.6	+5.4	− 2.4	+2.8	− 3.3	+2.4	+ .4	+ 4.5	+ 7.4	+ 9.7
1914	+ 8.5	− 8.6	+ 1.7	− .5	+ 1.6	− .8	+ 3.2	−2.3	+2.5	+ 6.2	+ 4.0	− 7.6
1915	− .5	+ 7.8	− .9	+8.9	− 2.5	−6.3	− 6.6	−2.1	−2.2	+ 2.8	+ 1.4	+ 2.8
1916	−12.7	− 3.2	− 3.5	−2.2	− 2.6	−5.0	+ 4.2	− .5	−1.7	− 3.8	+ 2.1	−10.3
1917	− 4.6	−10.3	− 1.6	−4.2	− 2.4	−3.3	+ 2.0	−1.3	− .4	− 9.1	+10.1	−12.3
1918	− 5.8	+ 1.2	+11.2	0	− 1.9	+ .3	− 3.4	0	−4.9	+ 2.4	+ 2.2	+ 5.5
1919	+12.4	− 1.9	− 6.0	+ .9	+ 1.9	+4.2	+ 2.3	+1.4	+1.8	−10.3	−11.1	− 5.6
1920	− 3.6	+ 2.9	− 1.4	−9.3	+ .3	− .6	+ 2.3	+2.2	+2.2	+ 5.5	+ 1.3	+ 2.2
1921	+ 9.6	+10.3	+ 1.4	− .3	+ .2	+5.2	+ 2.5	+ .7	+ .2	+ 3.5	− 5.7	+ 3.5
1922	+ .7	+ 8.9	+ 2.0	+ .9	+ 2.7	+ .5	− 3.3	+3.3	+3.0	+ 1.9	+ 5.1	− 4.5
1923	+ 3.8	− 5.5	− 5.5	−2.7	+ .5	+3.1	+ 2.3	−3.5	+3.3	+ .2	+ 9.8	+ 9.2
1924	− 3.7	+10.7	+ 1.7	−2.1	− 6.7	−4.4	− 3.4	−2.7	−1.8	+ 6.5	+ .9	−10.1
1925	+ 2.3	+ 6.9	+ 3.6	+6.4	0	−1.5	− 2.2	+1.4	+1.3	−10.5	+ 2.1	+ 3.5
1926	+10.0	+12.7	+ 2.0	+1.4	+ 4.9	−2.3	+ 1.4	− .9	−4.5	− 1.2	− 5.2	− 3.8
1927	+ 9.5	+ 3.7	+ 6.6	0	− 5.6	−1.8	− 3.5	−3.1	0	+ 3.2	− 6.0	−14.8
1928	+ 6.7	+ 9.2	+ 4.3	−5.5	+ 4.6	−4.8	+ 1.5	−1.7	−2.9	− .3	+ 4.3	+ 7.7
1929	−11.1	− 6.8	+ 6.7	+ .1	− 4.5	−1.6	+ 1.7	+2.0	−4.1	+ 3.0	− 1.9	− .5
1930	− 8.2	+12.1	+ 2.3	+5.9	− 2.8	+ .3	+ 3.4	+3.9	− .6	− 3.0	+ 2.7	+ 6.9
1931	+15.1	+18.4	+ 1.9	+2.7	− .5	−5.4	+ 1.7	+ .5	+4.6	+ 3.9	+ 3.6	+ 8.0
1932	+ 3.2	+ 4.0	− 4.9	+2.7	+ 2.3	+4.0	+ 1.1	+1.8	0	− 5.5	− 1.5	− .6
1933	+ 5.5	− 1.7	+ 4.7	−1.4	+ 1.2	+7.7	+ 3.0	+2.0	+4.1	− 2.3	+ 1.6	− 4.4
1934	+ 9.5	+ 9.9	+ 2.5	+2.3	+10.0	+1.3	+ 2.9	+ .9	−4.4	+ 5.2	+ 7.2	− .4
1935	− 3.0	+14.4	+ 2.5	−3.0	− 4.1	−2.7	+ 4.9	− .3	+ .4	− .3	− 9.5	− .4
1936	−12.1	−22.5	+ 1.6	−5.8	+ 7.4	+3.4	+11.0	+3.3	+3.5	− 1.5	+ 1.3	+ 2.0
1937	−14.6	− 2.8	+ 1.0	− .7	+ 3.3	+ .5	+ 2.8	+6.4	+1.8	+ .1	− 1.5	− 1.6
1938	+ 3.2	− 2.4	+ 9.3	+1.4	− 1.6	+1.2	+ .8	+3.3	+5.1	+ 7.1	− 2.9	+ 5.2
1939	+ 8.7	−10.4	− .5	+ .2	+ 6.5	−2.9	+ 3.7	+2.1	+2.1	− 2.5	+ 8.2	+13.7
Average 1892–1939	6.3	9.6	23.8	41.4	53.6	63.0	68.9	66.5	56.8	43.8	26.7	13.0

TABLE 30.—*Ohio: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1883	−0.57	+3.96	−1.07	−0.06	+1.96	+0.41	+0.28	−1.51	−0.27	+2.28	+0.79	+1.36
1884	− .33	+3.04	+ .13	−1.15	+ .24	− .86	− .18	−1.97	+ .66	− .80	−1.24	+1.04
1885	+ .99	− .73	−2.62	− .01	+ .28	+ .26	− .61	+2.98	− .40	+ .72	− .10	−1.04
1886	+ .49	−1.19	− .65	− .51	+ .84	− .12	− .76	+ .35	+1.09	−1.25	+1.56	− .02
1887	−1.03	+4.18	−1.23	+ .74	− .66	− .01	−1.60	−1.05	− .89	−1.61	+ .20	− .27
1888	+ .57	− .89	+ .22	−1.18	+ .11	− .45	+ .58	+1.92	− .71	+ .14	+1.46	−1.26
1889	+ .01	−1.27	−2.04	−1.38	+ .03	+ .28	+ .42	−1.89	+ .64	− .76	+1.32	+ .08
1890	+1.82	+2.63	+1.86	+ .28	+1.86	+ .65	−1.84	+1.31	+2.58	+1.73	− .16	− .36
1891	− .30	+2.28	+ .76	−1.04	−1.46	+ .97	− .01	− .05	−1.48	− .78	+2.31	− .34
1892	−1.01	+ .41	− .57	+ .15	+2.66	+1.76	− .03	− .40	− .63	−1.81	− .37	−1.02
1893	− .56	+2.48	−1.34	+3.20	+1.31	− .51	−1.34	−1.22	−1.41	+1.70	− .60	− .12
1894	− .98	+ .17	−1.27	− .86	+ .34	−1.20	−2.27	−1.72	+ .33	− .55	+ .52	+ .25
1895	+ .88	−1.93	−1.84	−1.06	−1.86	−1.38	−1.83	− .43	−1.32	−1.32	+1.42	+1.12
1896	−1.45	− .41	− .09	− .39	− .99	+ .96	+4.28	− .01	+2.15	−1.34	− .06	−1.08
1897	−1.19	+1.02	+1.74	+ .10	+ .27	−1.00	+ .82	− .67	−2.20	−1.90	+3.93	− .34
1898	+2.13	− .30	+2.80	− .79	+ .44	− .99	+ .15	+1.11	− .42	+1.18	+ .48	− .02
1899	− .03	− .44	+1.35	−1.77	+ .51	− .83	+ .27	−1.53	− .40	− .42	− .94	+ .41
1900	− .66	+ .88	−1.10	−1.29	−1.18	− .78	+ .56	+ .33	−1.27	− .66	+1.56	−1.48
1901	−1.43	−1.42	− .87	+ .18	+ .13	+ .55	−1.15	− .13	− .35	−1.86	−1.28	+1.05
1902	−1.62	−1.77	− .65	− .99	− .55	+3.59	+ .56	−1.80	+1.53	− .25	− .03	+1.30
1903	− .75	+2.43	+ .20	+ .82	− .67	+ .13	− .45	− .56	−1.52	+ .04	− .63	− .66
1904	+ .56	− .03	+2.42	+ .24	+ .01	− .77	+ .10	− .75	−1.10	−1.05	−2.35	+ .51
1905	−1.38	−1.00	− .81	0	+2.15	+ .86	− .05	+1.22	+ .47	+1.35	− .04	− .33
1906	−1.00	−1.43	+ .75	−1.28	−1.44	− .32	+1.38	+1.37	− .12	+ .43	− .10	+1.00
1907	+3.19	−1.72	+2.36	− .33	− .20	+ .68	+1.80	− .75	+ .79	+ .07	− .72	+ .36
1908	−1.32	+1.54	+2.18	+ .63	+1.17	−1.29	+ .33	− .80	−2.40	−1.38	+1.62	− .44
1909	+ .12	+2.90	− .64	+ .96	+1.13	+2.00	− .05	+ .22	−1.28	− .15	− .32	− .08
1910	+1.44	+1.58	−3.18	+ .17	+ .28	−1.11	− .51	−1.79	+ .88	+1.57	− .94	− .29
1911	+ .94	− .70	−1.12	+1.29	−2.00	+ .06	−1.37	+2.04	+1.91	+2.41	+ .21	+1.30
1912	−1.04	− .48	+ .85	+1.34	− .49	− .68	+1.96	+ .67	+ .06	− .18	−1.61	− .38
1913	+4.09	− .69	+4.87	+ .18	− .15	−1.86	+1.57	− .87	− .60	+ .75	+ .98	− .96
1914	− .84	+ .46	−1.00	+ .82	− .66	− .73	−1.61	+1.72	−1.59	+ .92	−1.17	+1.06
1915	+ .31	− .67	−1.90	−1.74	+ .35	−1.64	+2.52	+1.16	+1.53	− .13	+ .02	+1.15
1916	+1.94	− .78	+ .72	− .82	+ .63	+1.03	−1.91	− .24	− .43	− .42	− .56	+ .17
1917	+ .67	−1.17	+ .24	+ .21	+ .51	+1.16	+ .05	− .70	−1.12	+2.22	−2.15	−1.38
1918	+ .11	− .46	− .95	+ .04	+ .83	−1.20	−1.23	+ .27	+ .75	+ .17	− .67	+ .81
1919	−1.52	−1.43	+ .61	− .02	+1.12	− .97	+ .22	+1.06	−1.09	+3.76	+1.31	− .57
1920	− .51	−1.57	− .71	+2.62	−1.20	+ .66	+ .67	+ .98	− .42	− .57	+ .13	− .60
1921	− .67	− .57	+2.54	+ .73	− .46	−1.04	− .90	+ .82	+1.32	− .36	+2.97	+ .61
1922	−1.50	− .94	+1.72	+1.34	+1.03	− .88	− .13	− .11	− .17	− .78	−1.13	+ .57
1923	+ .34	− .62	− .44	− .57	− .07	− .46	− .26	+ .95	+ .21	− .93	− .23	+3.25
1924	+ .66	− .58	+ .15	− .47	+ .47	+2.51	− .97	−1.27	+1.73	−2.29	−1.22	+ .65
1925	−1.40	− .38	− .82	−1.10	−1.03	−1.00	+ .88	−1.03	+ .73	+1.92	+1.39	−1.91
1926	− .72	+ .48	−1.14	− .03	−1.14	− .75	+ .56	+2.63	+4.14	+2.61	− .53	− .31
1927	+ .31	− .14	+ .41	+1.07	+1.09	− .16	+ .78	− .83	− .83	− .87	+3.36	+1.22
1928	−1.40	+ .24	− .57	− .05	−1.91	+3.14	+ .88	− .69	−2.07	+ .05	+ .33	− .75
1929	+1.23	− .17	− .62	+1.56	+1.87	+ .20	+ .93	− .45	+ .12	+1.61	+1.18	+ .64
1930	+1.50	+ .06	− .67	−1.15	− .90	−1.59	−2.29	− .99	− .30	−1.28	−1.15	−1.51
1931	−1.93	− .69	−1.26	+1.29	− .58	− .31	+ .16	+1.72	+1.08	− .10	+ .04	+ .90
1932	+2.26	−1.31	− .41	− .89	−1.99	+ .18	+ .59	−1.29	− .15	+ .86	+ .42	+ .85
1933	−1.09	− .77	+2.36	+ .65	+3.05	−2.03	−1.28	+ .26	+1.73	−1.16	−1.23	+ .19
1934	−1.55	−1.55	− .59	−1.06	−2.85	− .26	−1.10	+ .88	+ .79	−2.01	− .81	−1.29
1935	− .46	− .86	+ .08	−1.13	+1.42	+ .24	−1.17	+2.84	+ .03	− .47	− .03	− .17
1936	−1.40	− .08	+ .22	− .16	−1.90	−2.17	− .78	+ .33	+ .13	+1.61	+ .07	− .36
1937	+6.79	− .90	−1.82	+ .68	+ .07	+2.20	+ .43	− .09	− .52	+ .86	−1.36	+ .27
1938	−1.50	+ .25	+1.85	+ .01	+1.59	+ .23	+1.16	− .29	+1.04	−1.86	+ .50	−1.36
1939	− .34	+1.66	+ .66	+1.83	−2.41	+2.70	+ .32	−1.37	− .90	+ .46	−1.72	−1.27
Average 1883–1939	3.12	2.62	3.43	3.17	3.66	3.85	3.83	3.39	2.98	2.54	2.69	2.73

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1883	− 4.5	+ 1.1	− 6.5	−1.6	−2.5	−0.5	−1.6	−3.5	−4.2	−0.1	+2.0	+ 0.7
1884	− 9.2	+ 4.4	− 1.4	−2.2	− .1	+1.6	−2.2	− .9	+3.7	+2.8	−2.0	− 1.5
1885	− 6.0	−10.1	− 9.8	−1.2	−1.0	−2.4	+1.5	−2.8	−2.8	−3.6	− .6	+ .7
1886	− 4.7	− 3.5	− .4	+1.9	+1.7	−2.0	−1.7	− .8	− .2	− .3	−2.6	− 6.2
1887	− 2.2	+ 6.5	− 3.1	+ .1	+5.5	+1.5	+4.2	+6.2	−2.0	−4.2	−2.1	− .4
1888	− 4.3	+ 1.1	− 4.7	− .5	−1.7	+ .9	−1.6	−1.3	−5.4	−5.6	+1.5	+ 1.6
1889	+ 4.7	− 3.6	+ 1.3	+ .2	− .3	−2.8	−1.2	−2.6	−2.8	−5.6	− .4	+12.1
1890	+10.2	+10.0	− 4.4	+1.6	−1.3	+3.8	− .7	−2.9	−3.6	− .8	+ .8	− .5
1891	+ 4.4	+ 6.6	− 3.9	+2.3	−2.5	+1.5	−4.7	−1.7	+1.3	−2.5	−1.4	+ 7.3
1892	− 4.6	+ 5.6	− 3.9	− .7	−1.5	+3.5	− .7	− .7	−1.7	−1.5	−3.4	− 2.7
1893	−10.6	− .4	− .9	+ .5	−2.2	+1.1	+ .8	−1.0	− .5	+ .2	−2.1	+ 1.0
1894	+ 5.1	− .5	+ 6.2	+ .9	− .5	+1.8	+ .6	− .5	+2.1	+ .4	−3.9	+ 2.2
1895	− 5.2	− 9.8	− 3.4	+2.0	+ .6	+2.5	−2.1	+1.8	+3.3	−6.6	+ .5	+ 2.2
1896	+ .8	+ 1.1	− 6.5	+7.2	+7.4	0	− .5	+ .1	−3.0	−4.5	+3.7	+ 1.2
1897	− 3.1	+ 3.0	+ 2.6	− .4	−4.2	−1.4	+1.8	−2.3	+1.2	+4.6	+ .8	+ 1.1
1898	+ 3.8	+ .6	+ 6.1	−2.5	+ .5	+2.4	+2.3	+1.8	+2.1	+ .6	−2.6	− 2.9
1899	− .8	− 7.8	− 2.0	+3.6	+2.8	+2.0	+ .4	+2.0	−1.6	+3.9	+2.5	− 1.5
1900	+ 2.5	− 3.4	− 6.0	+ .4	+2.4	+ .3	+ .4	+4.6	+3.6	+7.0	+ .2	− .1
1901	+ .6	− 8.3	+ .6	− 3.0	−1.5	+1.4	+4.4	+1.4	− .9	+ .3	−3.7	− 3.8
1902	− 1.3	− 7.1	+ 3.0	−1.5	+2.1	−2.6	+ .3	+2.8	−2.1	+1.1	+7.1	+ 2.3
1903	− 1.5	+ .5	+ 7.8	+ .2	+3.4	−5.1	− .8	−1.0	− .1	+ .5	−4.2	− 8.3
1904	− 7.9	− 6.5	+ .8	−5.3	+ .2	−1.1	−2.3	−2.9	− .2	−1.3	− .9	− 3.7
1905	− 5.9	− 8.6	+ 3.8	−1.2	+ .2	− .3	− .7	0	− .4	− .9	−1.8	+ 1.2
1906	+ 7.1	− 2.1	− 7.6	+2.4	+ .8	+ .3	−1.6	+2.9	+3.2	− .8	− .3	+ .6
1907	+ 3.6	− 3.4	+ 7.0	− 7.2	−6.0	− 3.9	−1.1	−2.2	− .2	−4.7	−2.3	+ 1.3
1908	− .5	− 1.7	+ 4.5	+1.3	+2.3	− .3	+ .2	− .5	+2.3	+ .6	− .3	+ 1.4
1909	+ 3.6	+ 5.3	− 1.6	− .6	−1.8	+ .6	−3.0	+ .2	− 2.5	−4.7	+7.5	− 6.3
1910	− 1.0	− 3.9	+ 9.3	+1.8	−4.5	−3.6	+ .1	− .3	+3.2	−5.1	−	− 6.2
1911	+ 4.2	+ 5.1	− 1.5	−2.0	+5.8	+1.4	+ .3	+ .8	+1.8	− .2	−3.8	+ 4.6
1912	−10.7	− 7.0	− 6.0	+2.2	+2.0	− 2.9	− .3	−2.5	+1.7	+1.3	+ .8	+ 2.1
1913	+ 7.4	− 2.7	+ 1.2	+ .3	− .2	+ .3	+ .8	+1.6	−1.6	+ .6	+3.0	+ 2.8
1914	+ 4.8	− 7.3	− 2.9	+ .4	+1.7	+1.6	+ .3	+1.1	−2.3	+3.4	+ .7	− 4.7
1915	− 2.3	+ 5.8	− 5.7	+5.1	− 2.7	− 4.7	− .5	− 4.2	+1.3	+1.9	+2.9	− 1.3
1916	+ 6.9	− 2.9	− 4.2	− .4	+1.3	−4.8	+3.2	+2.7	− 2.0	− .3	+1.2	− 2.6
1917	− .6	− 4.0	+ .7	−1.0	−6.4	−2.6	−1.4	− .4	−3.8	−6.8	−2.7	−10.3
1918	−13.7	+ 1.6	+ 5.1	−1.0	+5.9	− .7	−2.4	+4.9	−7.3	+3.1	+ .9	+ 7.6
1919	+ 4.3	+ 3.1	+ 2.1	0	−1.9	+4.7	+1.4	−1.2	+1.0	+6.0	− .2	− 6.0
1920	− 6.5	− 2.0	+ 2.8	−3.9	−2.2	− .6	−3.3	−1.4	+ .8	+5.0	−1.0	+ 2.1
1921	+ 4.6	+ 4.9	+10.0	+5.4	+1.6	+3.9	+4.1	−1.1	+4.4	+ .2	+1.5	+ 2.0
1922	− 2.2	+ 4.5	+ 3.3	+2.9	+3.5	−1.4	− .8	−1.2	+2.5	+2.3	+2.5	+ .8
1923	+ 3.9	− 3.0	− 1.2	−1.3	− .2	+1.5	− .9	−1.0	0	− 2.3	− .1	+ 9.1
1924	− 3.6	− 7	− 2.7	+ .1	−5.9	−1.5	−3.4	+ .3	−4.9	+2.6	0	− 3.2
1925	− 1.4	+ 6.9	+ 2.9	+4.5	−4.9	+3.5	−1.7	+ .3	+4.4	−7.2	−1.8	− 2.7
1926	− 1.4	+ 2.3	− 5.7	−5.3	0	−3.6	− .8	+2.3	+ .9	+ .2	−1.1	− 2.2
1927	− .6	+ 7.3	+ 3.8	+ .1	− .4	−4.9	−1.1	−5.3	+2.4	+3.7	+5.2	+ .2
1928	− .5	+ 1.8	− .8	−3.2	−1.4	−4.5	0	+2.3	−4.1	+3.8	+1.9	+ 2.9
1929	− 2.8	− 4.3	+ 6.9	+3.5	−2.0	−2.4	− .8	−3.7	− .2	−1.5	−2.4	+ .1
1930	− .8	+ 9.2	− .6	+2.4	+2.3	+ .5	+1.9	+ .3	+2.0	+4.2	+1.2	− .8
1931	+ 3.2	+ 5.8	− 2.7	+ .4	− 1.4	+1.3	+3.5	+1.0	+4.6	+3.8	+8.8	+ 8.1
1932	+11.2	+ 8.6	− 5.2	−1.2	+1.1	+1.5	0	+1.1	+ .3	+ .9	−2.2	+ .4
1933	+ 9.1	+ 2.5	− .5	+1.2	+3.1	+4.9	+1.0	+ .4	+3.4	−1.1	−2.5	+ 2.7
1934	+ 4.7	− 9.1	− 3.6	− .2	+3.6	+6.5	+4.9	+ .2	+2.1	+ .8	+4.2	− 1.3
1935	+ 1.3	+ 2.0	+ 7.3	−2.2	− 4.2	−2.1	+3.0	+1.5	−1.3	+ .5	+1.4	− 6.3
1936	− 5.9	− 6.7	+ 4.1	−3.5	+3.6	+ .8	+3.3	+4.4	+3.6	+ .7	−3.6	+ 3.7
1937	+ 7.3	+ 2.2	− 4.0	0	0	+ .2	− .5	+3.0	−2.7	−1.7	−2.0	− 2.8
1938	+ 1.4	+ 8.0	+ 7.2	+3.1	+ .8	−1.0	+ .5	+3.2	0	+2.3	+2.7	+ 1.2
1939	+ 4.8	+ 3.4	+ 1.9	−2.6	+3.2	+3.0	− .8	+1.0	+4.4	+2.6	−1.1	+ 3.3
Average 1883–1939	28.6	29.4	38.9	49.7	60.5	69.5	73.7	71.7	65.7	53.5	41.4	31.7

TABLE 31.—*Oklahoma: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1892	−0.89	−0.05	+0.90	−0.48	+4.20	−0.24	−0.49	+1.11	+0.27	+2.32	−1.37	+2.01
1893	− .82	− .31	− .73	− .59	−2.03	−1.72	+ .65	+2.24	+ .09	−2.76	− .49	− .32
1894	+ .88	+ .46	+ .77	+ .96	−1.46	−2.29	−1.11	−1.41	− .36	−1.02	−1.70	− .43
1895	− .38	− .82	−1.48	−2.06	−1.80	+1.94	+2.75	+2.14	−1.99	+ .23	+1.79	+2.48
1896	− .41	− .72	−1.11	−1.81	− .92	− .56	+ .13	−1.46	− .90	− .16	− .17	− .41
1897	+ .42	− .42	+1.96	+2.08	+ .49	− .72	− .78	+ .20	−1.23	−1.54	−1.49	− .64
1898	+1.64	+1.12	+1.67	−1.78	+3.45	+ .80	+1.61	+ .34	− .85	− .95	− .96	+1.08
1899	− .44	− .82	−1.35	+ .32	+1.29	+1.22	+3.22	−2.05	−1.19	+1.39	+2.01	+ .19
1900	− .76	+ .06	−1.44	+1.14	− .12	−1.26	+1.32	−1.17	+3.59	+ .82	− .82	−1.13
1901	− .93	− .44	.67	− .35	+ .68	−1.87	− .91	−1.37	−1.53	− .92	− .66	− .53
1902	− .84	− .99	+1.82	− .15	+5.42	−1.42	− .61	− .73	−2.85	−1.09	+3.56	+ .44
1903	− .86	+2.57	+ .53	−1.98	+2.62	−1.74	− .28	− .20	−1.01	+ .12	−1.63	−1.01
1904	+ .05	−1.15	−1.11	− .95	+ .24	+4.53	+1.03	+ .09	− .54	−2.02	−1.79	− .86
1905	+ .56	− .03	+1.93	+1.05	+2.80	−1.96	+2.67	+ .46	+ .03	− .20	+ .56	− .39
1906	− .17	− .67	+ .15	+ .87	−1.49	+ .34	+2.43	+ .65	+ .97	− .74	− .22	− .52
1907	+1.18	− .88	− .76	+ .32	+ .31	+1.50	− .70	− .24	−1.13	+1.65	− .41	+ .73
1908	− .10	+1.28	− .52	+1.81	+3.74	+5.01	+ .32	− .74	+1.36	+2.71	+2.16	−1.58
1909	−1.10	− .71	− .37	−1.83	+ .78	− .39	− .70	−1.68	−1.92	− .72	+3.70	− .33
1910	− .56	− .61	−1.77	− .73	− .81	−2.36	− .68	+1.02	−2.11	−1.58	−1.88	−1.29
1911	−1.24	+1.97	−1.76	− .21	−2.10	−2.72	+2.51	+ .79	− .74	−1.20	−1.10	+2.45
1912	−1.25	+ .61	+1.42	+ .94	−1.76	+ .76	−1.43	+ .37	−1.04	− .17	−1.38	− .95
1913	− .08	+1.01	− .24	−1.41	−1.21	−1.22	− .45	−2.50	+2.49	+ .06	+1.67	+2.65
1914	−1.06	− .42	− .18	− .76	+ .46	−2.85	−1.20	+4.84	− .95	−1.46	−1.31	+ .58
1915	− .25	+2.27	− .07	+2.96	+1.30	+3.28	+ .09	+3.50	+1.46	+ .78	−1.31	− .87
1916	+3.35	−1.12	+ .60	−2.58	+2.76	−2.07	−1.76	−1.68	−1.92	− .66	+ .45	+ .91
1917	− .84	− .73	−1.23	+ .13	−2.39	−1.75	− .26	+2.88	−1.16	−2.77	− .29	−1.48
1918	− .37	−1.02	+ .13	− .04	− .66	− .44	−1.45	− .90	+ .43	+2.62	+ .87	+2.11
1919	− .71	+ .52	− .29	+ .77	− .10	+ .45	−1.08	+ .25	−1.73	+4.36	+ .97	−1.28
1920	+ .42	− .95	+ .63	− .78	+ .62	−1.14	+ .44	+1.91	+ .44	+2.53	+ .30	+ .25
1921	+ .55	+ .14	+ .92	+ .46	−2.67	+4.21	− .34	− .78	− .17	−2.67	− .99	− .92
1922	+ .05	− .07	+2.05	+3.20	+1.01	−2.10	+1.25	−1.74	−1.68	−1.07	+1.58	− .87
1923	+ .55	− .27	+ .70	+1.92	+1.17	−1.77	− .34	−1.38	+3.98	+6.00	+ .55	+1.21
1924	− .73	− .45	+1.10	+ .91	−2.27	− .49	+ .06	− .50	− .12	−1.75	− .26	+ .08
1925	− .51	− .53	−1.37	+1.20	−2.33	−1.71	+1.12	−1.27	+2.71	− .10	+ .11	−1.29
1926	+ .79	− .86	+ .35	− .57	−1.65	+ .23	+1.27	+1.12	+3.66	+2.10	− .95	+1.27
1927	+ .73	+ .11	+ .42	+2.99	−1.99	+ .77	+2.34	+2.23	+ .49	− .07	− .98	+ .23
1928	− .50	+ .52	− .55	+1.56	− .78	+2.42	+1.18	+1.15	−2.23	+ .59	+1.43	+ .41
1929	+ .64	+ .11	+1.22	− .40	+2.96	− .40	− .04	−2.14	+ .84	+1.02	+ .05	− .75
1930	+ .95	− .14	−1.58	− .40	+1.65	− .10	−1.82	−1.11	− .85	+1.22	− .24	+ .36
1931	− .81	+1.06	+ .88	− .24	−1.80	−1.83	+ .16	− .13	−1.92	+1.42	+2.94	− .42
1932	+3.21	+ .58	−1.21	− .97	−2.53	+3.66	− .19	− .20	−1.58	− .82	−1.57	+3.33
1933	− .37	− .09	+ .18	− .25	− .01	−3.42	+ .35	+2.36	+ .39	− .40	− .40	− .06
1934	+ .30	− .18	− .42	− .66	−2.09	−1.39	−2.19	− .35	+3.04	−1.58	+1.63	− .93
1935	− .14	− .31	+1.66	−1.02	+2.77	+2.83	−1.89	− .27	− .28	+ .21	+ .75	+ .12
1936	−1.06	− .96	−1.69	−2.31	− .22	−1.87	−2.12	−2.71	+4.76	0	−1.49	+ .08
1937	+ .77	− .97	+ .02	−1.00	−1.28	− .12	− .82	+ .16	+ .06	− .37	− .41	− .11
1938	− .01	+3.08	+2.05	− .42	+1.24	+ .53	− .20	− .88	−1.25	−2.39	+ .21	−1.03
1939	+1.34	+ .29	− .38	− .86	− .95	+1.51	−1.18	− .26	−2.76	−1.21	− .55	− .56
Average 1892–1939	1.45	1.38	2.20	3.30	4.71	3.84	2.83	2.92	3.09	2.91	2.00	1.65

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1892	− 3.4	+ 1.0	− 6.9	−0.3	−3.3	−2.3	−3.8	−1.6	−2.3	+0.8	−2.7	−3.0
1893	− 1.1	− 3.5	− .4	+2.0	−2.3	+ .3	+1.4	−4.4	−1.0	− .2	−4.3	+4.8
1894	− 5.1	− 5.6	+ 2.5	+3.6	+ .7	0	− .2	−2.7	+ .5	+1.7	+ .4	+1.9
1895	− 3.3	− 9.4	+ .2	+3.7	+1.6	0	−2.6	−2.3	+3.0	−5.5	−3.1	− .6
1896	+ 1.9	+ 2.4	− 4.1	+5.8	+7.1	+1.6	+ .2	+2.7	−1.5	−2.4	−2.4	+4.4
1897	− 3.7	+ 1.7	+ .3	− .4	−1.2	+ .1	+ .6	−2.1	+ .6	+3.3	− .1	−4.4
1898	+ 1.6	+ 3.3	− 2.1	−2.1	+ .6	+ .1	−1.8	−2.6	− .2	−2.3	−4.1	−5.3
1899	− 3.3	−13.1	− 4.1	− .6	+3.1	−3.6	−2.0	+4.1	−1.4	+3.5	+3.2	−1.3
1900	+ 2.9	− 3.5	− 1.0	+1.0	− .2	+ .4	−2.5	+ .9	+1.4	+2.6	+ .3	+1.9
1901	+ 2.4	− 3.4	+ 1.2	−2.5	− .7	+2.0	+4.1	+ .7	− .6	+3.0	+1.7	−1.6
1902	− 1.0	− 4.5	+ .6	+ .9	+2.9	+ .1	−2.1	+2.7	−6.1	+ .5	+3.8	−2.7
1903	+ .8	− 5.3	− 1.1	0	−2.5	−6.9	− .6	−1.0	−3.0	−1.2	−2.6	+ .1
1904	− 1.9	+ 3.3	+ .7	−1.6	− .9	−2.2	−2.2	−2.5	+ .6	+1.0	+1.9	− .6
1905	− 8.4	−13.0	+ 5.5	−1.6	+1.1	+1.2	−4.1	− .7	+1.0	−2.4	+2.2	−2.0
1906	+ 2.1	0	− 8.9	+2.2	+ .5	−2.3	−5.3	−3.9	− .3	−5.1	−3.0	+4.3
1907	+ 4.8	+ 2.9	+ 9.3	−4.7	−6.4	−2.2	−1.1	+1.0	+ .9	− .7	−2.0	+2.3
1908	+ 3.4	+ 1.3	+ 5.3	− .3	− .5	−2.1	−4.1	−1.7	−1.6	−3.0	+ .3	+3.2
1909	+ 1.2	+ 3.3	− 1.4	− .9	−1.2	− .8	+1.9	+2.3	+ .2	− .4	+6.1	−8.1
1910	+ 1.7	− 4.3	+ 9.2	+ .9	−2.8	− .8	+1.2	− .5	+3.4	+ .5	+1.7	− .4
1911	+ 4.8	+ 3.2	+ 4.1	0	+3.0	+6.7	−1.1	−1.9	+5.4	− .3	−4.1	−2.7
1912	− 8.8	− 3.0	− 9.2	− .5	+2.6	−3.6	+1.4	−1.3	−2.8	+1.0	− .1	− .8
1913	− .1	− 6.8	− 4.7	+ .9	+2.1	−1.3	+2.0	+4.0	−3.7	−4.3	+6.0	− .6
1914	+ 6.6	− 3.2	− .7	− .9	−1.4	+3.9	+2.8	−1.8	+1.0	− .7	+3.5	−7.5
1915	− .9	+ 3.5	−11.1	+2.2	− 2.5	− 3.1	− 3.3	− 7.4	− .4	+ .1	+4.2	+3.0
1916	+ 2.1	0	+ 4.4	− 4.1	+1.8	− 1.9	+1.1	+1.9	− 1.5	0	+ .2	−2.0
1917	+ 1.2	− 1.1	+ .5	− 1.7	− 5.8	− .5	+1.5	− 3.4	− 1.3	+1.9	+2.2	−6.9
1918	−11.9	+ 2.5	+ 4.9	− 4.2	+3.0	+4.1	+ .3	+3.8	− 6.0	− 2.0	− 1.7	+2.1
1919	− .6	− .1	+ .3	− .8	− 2.3	− 2.8	− .1	+ .8	+ .7	− 3.5	− 3.2	− 4.4
1920	− 1.9	+ 2.3	+ .4	− 3.2	+ .7	− 1.6	− 1.1	− 5.2	0	− 3.6	− 3.3	+1.2
1921	+ 5.9	+ 4.1	+ 6.1	− 1.2	+1.7	− 1.1	− .6	+1.5	+4.7	+2.3	+2.6	+3.8
1922	− 2.3	+ 3.2	− .8	+ .5	+ .8	+ .5	− .1	+2.1	+2.1	+1.4	+1.7	+4.2
1923	+ 6.1	− 1.6	− 2.7	− .1	−1.3	− .1	+1.4	+2.2	− .4	− .3	0	+3.6
1924	− 3.7	+ 1.2	− 7.7	− .3	− 4.5	+3.2	− 2.2	+2.1	− 3.4	+2.9	+3.2	− 5.6
1925	− 3.0	+ 6.8	+ 5.2	+5.8	− .3	+5.2	+1.9	− .7	+2.1	− 1.1	− .8	− 1.0
1926	− .5	+ 6.9	− 3.6	− 4.8	+ .9	− .5	− 2.2	− .6	− .2	− 2.5	− 2.2	+ .3
1927	+ .9	+ 6.5	− .2	+3.3	+3.4	− 1.2	− 1.8	− 4.2	− .5	+5.1	+5.4	− 3.2
1928	+ 3.0	+ 3.0	+ 1.3	− 3.0	+1.0	− 3.0	− 1.0	− .2	− 2.1	− 1.5	− 1.2	+1.8
1929	− 2.5	− 9.6	+ 2.3	+3.3	− 2.5	− .2	− .5	+2.1	− 1.9	− 7.3	− 7.0	+2.8
1930	−13.6	+10.3	− 1.6	+5.1	− .8	− .3	+2.2	+2.3	+3.1	+ .8	+1.1	− .1
1931	+ 3.7	+ 6.8	− 5.3	− 3.6	− 3.6	+2.4	+1.1	− 2.3	+6.6	+4.1	+4.4	+4.7
1932	+ 1.8	+ 8.9	− 4.9	+2.8	+ .6	− .2	+1.4	+ .3	− .9	− 3.5	− 3.2	− 4.2
1933	+ 8.4	− 1.7	+ 2.0	+ .7	+2.4	+3.2	+2.1	− 1.8	+4.1	+2.5	+2.8	+6.5
1934	+ 4.0	+ 1.8	− 1.4	+1.8	+2.1	+5.3	+6.2	+5.5	− 3.2	+3.4	+3.7	+1.0
1935	+ 4.5	+ 3.8	+ 6.5	− 1.7	− 3.4	− 2.4	+1.9	+2.4	− 3.6	− 3.9	− 3.6	− .9
1936	− 2.8	− 7.3	+ 5.4	+ .7	+2.9	+3.5	+4.7	+6.5	+2.3	− 3.2	− 1.7	+4.1
1937	− 6.0	+ .7	− 4.0	+ .6	+2.6	+1.3	+2.4	+3.6	+ .3	− .6	− 2.9	− 1.3
1938	+ 3.8	+ 5.4	+ 7.2	− .9	+ .5	− .2	+ .5	+2.9	+1.3	+5.5	− 1.0	+2.1
1939	+ 5.9	− 2.1	+ 3.2	− .5	+2.7	+1.4	+2.5	+ .7	+5.7	+4.1	− 1.1	+5.3
Average 1892–1939	38.4	41.0	50.9	60.3	68.3	77.3	81.8	81.5	74.3	62.4	49.7	40.0

TABLE 32.—*Oregon: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1890	+1.85	+2.02	+0.35	−0.91	−0.75	+0.17	−0.24	−0.19	−0.51	−0.65	−3.20	−1.80
1891	−1.61	+1.68	− .49	− .20	+ .81	+1.24	+ .87	− .06	− .20	− .42	− .56	+2.00
1892	−1.42	−1.79	− .49	+1.03	+ .25	− .45	− .05	− .27	− .15	− .18	+ .28	+ .01
1893	−2.19	+ .47	+ .07	+1.84	+ .57	− .56	− .10	− .38	+1.16	+1.65	+1.70	− .76
1894	+2.84	+ .45	+2.22	− .03	+ .75	+ .90	− .11	− .15	+ .50	+1.46	−2.02	− .39
1895	+1.48	−1.89	− .27	+ .27	+1.26	−1.10	− .03	− .21	+1.07	−1.88	−1.37	+1.74
1896	+1.37	− .70	+ .05	+2.20	+1.34	− .57	− .20	+ .44	− .53	− .32	+3.27	+ .68
1897	−1.79	+1.20	+1.53	− .62	− .35	+ .74	− .04	− .10	+ .06	− .73	+1.78	+ .82
1898	−1.53	− .02	−1.20	− .87	+ .38	− .15	− .17	− .11	+ .05	− .64	+ .64	−1.46
1899	+ .38	+ .45	+ .47	+ .47	+ .32	− .70	− .34	+1.16	− .40	+1.14	+1.73	+ .28
1900	− .90	− .56	− .53	− .28	+ .59	+ .10	− .28	+ .20	+ .24	+1.69	−1.22	− .58
1901	+ .75	+ .83	− .54	+ .09	− .39	− .61	− .27	− .14	+1.07	− .75	− .81	− .58
1902	−1.85	+2.51	+ .33	+ .54	+ .24	− .73	+ .45	− .05	− .54	− .90	+1.93	+1.85
1903	+1.61	−1.99	− .16	− .56	− .75	+ .06	− .11	+ .22	− .39	− .48	+3.29	−1.88
1904	− .01	+3.77	+3.65	+ .16	− .90	− .64	+ .73	− .23	− .30	+ .11	− .77	+ .79
1905	− .74	−1.85	+ .53	− .91	+ .30	+ .12	− .26	− .31	+ .17	+ .34	−1.68	− .76
1906	−2.61	+ .62	+ .21	− .86	+1.35	+ .77	− .14	− .16	+ .18	− .29	+ .82	+ .51
1907	+ .31	+1.53	+1.03	+ .29	− .27	+ .54	+ .15	+ .65	0	− .92	− .63	+2.93
1908	−1.35	−1.01	− .27	− .62	+ .25	+ .06	+ .05	+ .16	− .59	+1.15	−1.51	−1.52
1909	+3.25	+1.57	−1.10	−1.32	− .14	− .57	+ .57	− .31	+ .18	+ .54	+4.62	− .54
1910	− .14	+1.06	− .97	− .50	− .29	− .44	− .21	− .36	− .25	+ .33	+3.50	− .87
1911	+ .44	− .96	−1.93	− .51	+ .70	+ .01	− .30	− .20	+ .90	− .51	− .30	− .68
1912	+1.97	+ .48	− .65	+ .82	+ .85	+ .90	+ .17	+1.23	+ .06	+ .22	+ .15	+ .20
1913	+ .80	−2.20	+ .22	+ .11	− .05	+1.70	+ .94	+ .07	+ .07	+ .36	+ .29	− .93
1914	+2.57	− .24	−1.07	+ .44	− .29	+ .77	− .14	− .36	+1.33	+1.00	−1.69	−2.02
1915	− .81	− .16	− .87	− .39	+1.41	− .54	+ .81	− .33	− .71	− .76	+2.12	+ .22
1916	+ .46	+1.06	+1.72	− .13	+ .55	+ .34	+1.11	+ .04	− .63	−1.09	− .47	− .42
1917	−1.30	− .45	+ .29	+ .89	+ .14	− .64	− .29	− .30	+ .10	−1.81	− .31	+1.91
1918	+ .02	+ .34	− .72	−1.23	− .83	− .88	+ .13	+ .30	− .09	+ .27	−1.22	−1.58
1919	+ .17	+1.66	+ .20	−1.18	− .76	− .87	− .28	− .21	+ .33	− .27	+1.16	− .10
1920	−1.88	−2.75	+ .41	+ .91	− .95	+ .24	+ .12	+ .61	+1.39	+ .95	+ .06	+1.27
1921	+ .74	+ .81	− .39	− .05	+ .40	− .01	− .32	− .18	+ .02	− .16	+2.09	−1.79
1922	−1.42	− .17	+ .73	− .03	− .57	− .49	− .34	+ .56	− .43	+ .34	−1.95	+1.52
1923	+1.12	−2.03	−1.17	+ .06	+ .15	+ .50	+ .71	0	− .27	+ .44	−1.80	− .44
1924	−1.90	− .71	−1.39	−1.25	−1.42	− .59	− .30	+ .14	− .09	+2.12	+1.01	+ .02
1925	+ .65	+ .41	−1.43	+ .55	+ .52	− .07	− .23	+ .24	+ .28	−1.12	−1.17	−1.02
1926	−1.44	+1.38	−2.08	− .54	+ .11	− .92	− .17	+ .89	− .32	+ .38	+2.70	− .60
1927	+ .57	+1.72	− .35	− .16	+ .31	+ .33	− .24	− .05	+1.89	− .01	+2.26	−1.25
1928	− .46	−1.73	+1.93	+ .77	−1.29	− .40	− .09	− .32	− .50	− .33	− .72	− .54
1929	− .45	−2.29	− .75	+ .73	− .87	+ .70	− .36	− .29	− .89	−1.10	−3.28	+2.68
1930	−1.13	+ .46	−1.42	− .07	+ .30	− .56	− .37	− .14	+ .12	− .60	−1.24	−2.23
1931	−1.21	−1.45	+1.28	− .48	−1.05	+1.06	− .40	− .39	− .19	+ .39	− .12	+ .78
1932	+ .10	−1.33	+1.97	+ .67	+ .42	− .76	− .08	− .19	−1.09	− .03	+ .56	+ .35
1933	+ .99	− .10	+ .31	− .85	+1.07	+ .18	− .28	0	+ .53	+ .21	−2.58	+2.58
1934	− .03	−1.89	− .38	− .52	− .82	+ .28	− .26	− .15	− .55	+1.39	+2.01	+ .69
1935	− .71	−1.23	+ .20	+ .92	−1.07	− .47	+ .15	− .21	− .68	+ .16	−2.03	− .71
1936	+2.95	+ .47	− .81	− .46	+ .38	+ .62	+ .09	− .25	− .35	−1.77	−3.45	− .25
1937	− .20	+ .93	− .16	+2.15	− .56	+2.05	− .06	+ .04	− .39	+ .49	+2.65	+1.66
1938	− .45	+1.40	+2.60	− .11	− .87	− .36	+ .10	− .28	− .33	+ .16	− .30	−1.35
1939	− .94	+ .37	− .55	−1.54	− .64	− .20	+ .08	− .06	− .54	+ .12	−3.13	+1.70
Average 1890–1939	3.84	3.16	2.78	1.98	1.71	1.25	.41	.41	1.18	1.90	3.65	3.83

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1890	− 8.7	−4.5	−1.4	+1.1	+3.4	−1.5	−0.6	+0.6	+1.4	−1.3	+0.7	+2.9
1891	+ 1.9	−5.0	−2.9	+1.2	+3.0	−2.9	+ .6	+2.8	+ .7	+1.5	+3.1	− .4
1892	+ .4	+1.1	+2.4	−3.5	+ .1	−1.5	−2.3	−1.0	+1.7	+ .4	+1.8	+ .4
1893	− 1.4	−3.7	−2.5	−4.4	−3.0	−2.4	−2.0	0	−2.0	−2.9	− .3	+3.9
1894	− .7	−5.6	−2.3	− .9	− .4	−3.8	− .4	+1.9	−2.7	− .5	+4.1	−2.1
1895	− 1.0	+ .4	−1.4	+ .5	− .8	− .3	−2.0	− .3	−3.1	+ .4	−1.9	− .4
1896	+ 4.2	+4.0	−1.6	−4.2	−4.4	+1.3	+3.2	+ .4	−1.9	− .2	−6.5	+4.9
1897	+ 1.7	+ .6	−6.2	+2.3	+4.7	−1.0	−3.5	+2.7	−1.6	− .7	+ .8	+2.2
1898	− 1.9	+6.4	−3.3	+2.0	− .6	+ .9	− .2	+2.7	+1.0	−1.6	−1.5	−3.7
1899	+ 4.6	−1.9	−2.0	−1.9	−4.6	−1.8	− .3	−5.9	+2.8	−3.2	+4.5	+ .8
1900	+ 6.7	+1.5	+5.6	+ .2	+1.2	+3.4	− .9	−4.5	−2.0	−1.7	+1.0	+5.1
1901	+ 1.0	+ .4	+1.1	−2.1	−2.5	−2.9	−1.8	+3.6	−2.6	+4.6	+3.2	+2.3
1902	+ .8	+4.4	−1.3	−1.4	− .1	+ .3	−2.8	− .6	+ .6	+2.0	+ .2	+ .7
1903	+ 3.3	−5.0	− .5	−2.2	+ .5	+3.4	−2.5	− .7	−1.0	+1.6	+1.8	+1.2
1904	+ 2.2	+ .3	−2.1	+2.6	+1.8	+ .8	− .6	+1.9	+2.5	+1.7	+3.9	+1.6
1905	+ 2.6	− .9	+4.3	+1.9	−1.9	− .2	+2.7	+1.1	+1.3	−3.3	−1.5	−1.5
1906	+ 1.7	+1.0	−3.5	+2.6	− .6	−2.9	+4.9	+1.1	+1.4	+2.0	−1.1	+3.8
1907	− 3.6	+6.4	−1.1	+ .9	+1.2	−1.8	− .1	−3.4	− .2	+4.8	+ .1	+2.7
1908	+ 3.0	+1.6	− .2	+1.9	−3.8	−1.3	+2.7	−1.0	+1.0	−1.5	+2.0	−1.6
1909	− .5	+2.3	+1.5	−1.0	+2.5	+ .7	−3.1	− .9	+ .9	+ .4	+ .9	−6.3
1910	− 3.4	−2.5	+5.5	+4.6	+3.4	− .6	+ .6	−2.5	−1.5	+1.6	− .1	+1.5
1911	− .4	−5.9	+1.7	−1.6	−4.0	0	+1.8	−1.6	−3.6	−1.4	−1.5	−1.2
1912	+ 2.7	+3.0	−1.7	−1.4	− .2	+ .1	−1.5	−3.1	−2.5	−4.1	+ .9	+ .2
1913	− 3.1	−3.9	−2.8	− .7	+ .5	−1.0	−2.2	+ .5	+ .1	−2.3	+ .6	−2.2
1914	+ 4.1	+ .4	+4.0	+ .4	+1.7	−2.1	+ .3	+ .6	−1.4	+ .8	− .2	−8.2
1915	− 1.6	+2.5	+3.7	+2.8	−2.3	−1.9	−2.2	+3.4	−1.4	+ .6	−1.4	+ .7
1916	− 8.4	+2.7	+1.9	+ .5	−4.6	−2.6	−4.4	−1.2	+ .1	−2.7	−5.3	−3.6
1917	− 4.7	−2.8	−7.7	−3.2	−3.1	−1.5	+2.6	+1.8	+ .2	+1.8	+2.7	+6.8
1918	+ 5.9	+ .3	+ .5	− .7	−2.2	+5.6	+ .2	−2.2	+3.9	+2.0	−1.5	− .9
1919	+ 1.7	− .1	+ .2	+1.2	+1.2	− .6	+1.3	+1.8	− .1	−5.3	−6.5	−6.5
1920	+ 2.5	+1.0	−1.3	−3.3	−2.0	−1.0	+ .2	+1.2	0	−2.1	−1.6	+1.7
1921	+ 1.5	+2.3	+2.6	−1.8	− .1	+2.0	−1.2	+ .5	−2.7	+2.4	+2.5	−1.2
1922	− 6.7	−3.6	−3.7	−4.1	− .3	+4.2	+1.9	+ .3	+2.8	+1.1	−3.8	−1.9
1923	+ 2.9	−3.4	− .4	− .4	0	−1.7	+ .7	+1.6	+2.8	−1.1	+1.9	− .3
1924	− 1.8	+6.6	−2.1	+ .4	+5.2	+1.6	− .1	− .8	+ .7	− .9	−1.1	−7.8
1925	+ 4.6	+5.5	+1.6	+2.0	+3.2	+1.1	+3.1	+ .1	0	−1.2	− .2	+3.2
1926	+ 1.8	+6.4	+4.8	+6.1	+1.6	+5.2	+2.7	+1.1	−3.5	+1.2	+3.7	− .1
1927	+ 1.4	+2.3	− .6	−1.7	−2.7	+1.0	+ .1	+ .1	−2.0	+ .3	+3.4	−2.9
1928	+ 1.7	+ .9	+2.9	−2.0	+4.0	− .5	+1.3	− .8	+1.0	− .4	− .1	−2.4
1929	− 4.7	−6.9	+1.0	−3.7	0	− .6	+ .3	−2.8	−1.6	+ .8	−1.8	+5.0
1930	−11.9	+5.1	+2.2	+3.5	−2.3	− .9	+ .1	+1.4	+ .3	−2.1	−2.2	−3.1
1931	+ 3.0	+1.4	+1.2	+1.2	+4.2	+ .4	+2.2	+1.1	−1.0	− .6	−4.4	−2.8
1932	− 1.8	−4.0	+ .9	− .4	− .1	+1.6	−2.4	−1.2	+1.9	+ .8	+2.9	−5.9
1933	− .9	−6.8	− .8	−1.1	−4.6	+1.0	+ .9	+1.0	−1.9	+3.2	+ .8	+7.0
1934	+ 8.3	+7.0	+7.9	+6.6	+4.7	+ .2	+ .3	+1.9	− .4	+2.0	+3.3	+1.1
1935	+ .1	+1.2	−3.7	−1.4	− .7	+1.2	−1.0	+ .2	+3.7	−1.9	−5.2	− .7
1936	+ 2.2	−4.3	−1.2	+2.7	+3.4	+2.0	+ .8	+ .9	− .6	+1.6	−3.5	+ .8
1937	−14.0	−3.2	+ .3	−3.4	+ .9	+ .4	+ .8	−1.6	+1.5	+2.5	+3.0	+3.7
1938	+ 3.0	0	−2.2	+ .1	− .1	+1.7	+1.6	−1.8	+4.1	+ .3	−4.2	+1.6
1939	+ 3.0	−2.9	+1.4	+3.0	+2.3	−2.2	+1.1	+1.5	+2.1	+ .1	+ .8	+5.8
Average 1890–1939	31.7	35.1	41.0	47.2	53.2	59.6	66.5	65.3	57.8	49.7	45.8	33.5

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TABLE 33.—*Pennsylvania: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1888	+0.93	−0.38	+0.05	−0.91	+0.41	−1.09	−0.82	+2.84	+1.55	+0.78	+0.53	+0.06
1889	+.28	−.92	−.60	+1.07	+2.08	+1.30	+2.53	−.97	+1.66	+.61	+3.88	−.31
1890	−.22	+1.44	+1.65	+.03	+2.88	−.71	−.75	+1.55	+1.18	+2.63	−1.35	+.89
1891	+.38	+1.73	+1.60	−1.35	−1.71	+.37	+2.05	+.88	−1.00	−.18	−.19	+1.01
1892	+1.51	−1.13	+.64	−1.39	+1.87	+1.51	−.34	−.44	−.58	−2.52	+1.50	−1.39
1893	−.41	+3.04	−.98	+1.31	+1.71	−1.01	−1.12	+.29	−.72	+.02	+.09	−.02
1894	−.97	+.65	−1.87	+.19	+5.05	−1.56	−1.95	−2.37	+2.91	+1.02	−.34	+.87
1895	+.91	−1.66	−1.19	+.33	−1.15	−.63	−1.03	−.98	−1.68	−1.25	−.36	+.14
1896	−1.83	+2.02	+1.01	−1.68	−.98	+.51	+2.62	−1.99	+1.43	−.05	+.71	−1.88
1897	−1.11	+.40	−.28	−.13	+1.41	−.75	+1.99	−1.04	−1.21	−1.92	+2.44	+.87
1898	+.99	−.65	+.81	−.50	+1.28	−1.34	−.91	+2.39	−1.69	+1.96	+1.19	−.10
1899	−.21	+1.17	+1.37	−1.67	−.01	−.62	−.36	−.20	+1.31	−1.69	−.18	−.04
1900	−.62	+1.34	+.11	−1.86	−1.04	−.53	+.59	−.88	−1.62	−.50	+1.26	−1.00
1901	−1.04	−1.92	+.64	+1.98	+1.73	−.66	−.39	+2.60	0	−2.01	−.28	+2.83
1902	−.46	+1.11	+.48	+.13	−1.87	+1.84	+1.77	−1.59	+1.27	+1.40	−1.31	+2.46
1903	+.05	+1.61	+1.02	+.10	−2.16	+2.40	+1.09	+1.08	−1.30	+1.40	−.66	−.42
1904	+.29	−.47	+.79	+.02	−.05	−.07	+.41	+.15	−.02	−.37	−1.70	−.60
1905	+.44	−1.18	+.36	−.59	−1.24	+.26	+.60	+1.50	+.02	+.99	−.37	+.49
1906	−.73	−1.18	+.96	−.30	−.60	+1.30	+.04	+1.41	−.93	+1.22	−1.36	+.89
1907	+1.10	−.97	−.76	−.79	−.75	+.86	−.43	−1.27	+2.98	−.08	+.76	+1.22
1908	−.58	+1.77	+1.26	+.08	+2.45	−1.77	+.54	−.99	−1.79	−1.29	−1.94	−.22
1909	−.34	+1.96	−.43	+1.96	−.93	+.35	−2.13	−1.90	−1.22	−.97	−1.44	+.31
1910	+2.29	+.71	−2.94	+1.64	−.45	+.18	−1.85	−1.60	+1.10	−1.33	−.39	−.43
1911	+.28	−.61	−.93	+.36	−1.86	+.58	−1.46	+3.42	+1.90	+1.59	0	+.19
1912	−1.34	−.68	+1.55	+.96	−.68	−.77	+1.02	+.81	+2.18	−.50	−.67	+.19
1913	+1.69	−1.04	+1.77	+.39	+.03	−1.87	−.11	−1.52	−.11	+2.20	+.21	−.45
1914	+.11	−.10	−.89	+1.23	−.49	−.42	−.08	−.36	−2.40	−.89	+1.08	+1.55
1915	+2.30	+1.02	−2.22	−1.51	+.33	−.13	+1.01	+2.50	−.83	−.59	−.66	+.98
1916	−.84	+.20	+.62	+.22	−.64	+2.01	+.18	−1.64	+.38	−.99	−.57	−.01
1917	+.34	−1.42	+.18	−1.35	−.44	+1.25	+.06	+2.48	−1.08	+3.14	−2.21	−1.30
1918	+.25	−.42	−1.16	+1.10	+1.21	−.67	−1.22	−.09	+.58	−.07	−.81	+.30
1919	−.73	−.65	+.07	−.73	+1.97	−.23	+1.63	+1.22	−1.32	+1.53	+2.51	−.47
1920	−.79	−.44	−.67	+.96	−1.81	+.84	+.10	+.45	+.60	−1.57	+.70	+.20
1921	−.68	−.29	−.17	−.32	+.10	−1.01	−.14	−.38	−1.29	−1.08	+2.91	−.49
1922	−1.00	−.89	+.87	−.26	−.62	+.98	−.59	−1.07	−1.91	−.73	−1.63	−.33
1923	+1.00	−.72	−1.01	−.49	−.33	−1.40	−.03	−1.11	+.16	−.86	−.01	+1.91
1924	+1.08	+.06	−.67	+.72	+1.88	+1.44	−.85	−.43	+3.05	−2.96	−1.30	−.95
1925	+.27	−.72	−.94	−1.11	−.34	−1.09	+1.30	−1.93	−.59	+1.59	+.72	−1.36
1926	−.46	+1.18	−1.59	−1.40	−2.05	−.50	−.45	+1.48	+2.42	+1.27	+1.65	−.50
1927	−.36	+.60	−.89	+.09	+.31	−.41	+.70	−.09	−1.31	+3.16	+2.11	+1.33
1928	−1.18	+.54	−.26	+2.07	−1.60	+3.83	+1.17	+.39	−1.06	−1.46	−.52	−1.92
1929	+.11	−.01	−.81	+2.69	+.98	−.57	−1.46	−1.69	+.32	+2.35	+.55	−.31
1930	−1.01	−.19	−.47	−.72	−.80	+.07	−2.04	−2.74	−.94	−2.25	−1.36	−.79
1931	−1.80	−.90	−.54	−.10	+1.45	−.42	+1.01	−.20	−.24	−1.41	−1.32	−.23
1932	+1.25	−1.24	+.91	−1.72	−.14	−.98	−.88	−1.39	−1.94	+2.07	+1.91	−.89
1933	−1.26	−.58	+1.83	+1.06	+2.03	−1.55	−.01	+3.40	+1.27	−1.33	−1.29	−.20
1934	−.72	−1.57	−.54	−.37	−1.32	−.49	−.26	+.73	+3.19	−1.78	+.77	−.53
1935	−.18	−.21	−.88	−.87	−.83	+.09	+1.36	−.30	+.12	−.47	+1.00	−.46
1936	+.95	−.55	+3.34	−.42	−1.74	−.33	−1.39	+.75	−1.22	+.45	−.44	+1.11
1937	+3.10	−.56	−1.50	+2.10	−.44	+.24	+.20	+1.22	−1.49	+2.60	−.28	−.63
1938	−.75	−.03	−.31	−.58	+.02	+1.01	+.54	−1.31	+1.35	−1.43	+.26	−.52
1939	−.12	+1.57	+.09	+.27	−2.25	+.33	−1.15	−1.23	−.44	+.64	−1.87	−.84
Average 1888–1939	3.26	2.88	3.50	3.43	3.83	4.13	4.27	4.21	3.39	3.24	2.84	3.08

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1888	−5.3	0	−6.5	−1.4	−2.3	+0.3	−3.0	−0.5	−4.6	−6.3	+0.9	+1.2
1889	+.9	−5.4	+1.3	+1.1	+.8	−1.4	−.6	−2.9	−2.3	−5.3	+.5	+8.3
1890	+9.0	+8.6	−4.5	0	−1.1	+2.0	−1.5	−1.5	−2.0	−1.7	+.5	−4.1
1891	+2.0	+6.4	−3.9	+1.2	−2.3	+.1	−4.4	−.7	+2.4	−2.0	−1.6	+7.1
1892	−2.3	+3.2	−5.9	−1.7	−1.1	+3.7	+.9	+1.1	−1.8	−1.8	−2.3	−3.5
1893	−9.5	−1.1	−2.9	−.9	−1.7	+1.7	−.1	+.1	−3.0	+.4	−2.1	+.9
1894	+4.3	−.8	+5.5	−.6	+1.2	+1.5	+1.6	−.9	+2.4	+1.0	−3.1	+1.1
1895	−4.3	−8.2	−3.9	+.6	+1.0	+3.3	−3.1	+2.0	+3.6	−5.3	+1.6	+2.9
1896	−.9	+1.0	−7.1	+4.4	+5.8	−.7	+.6	+.9	−.6	−3.7	+4.7	−.7
1897	−2.9	+2.2	+1.3	+.4	−1.9	−3.3	+1.2	−2.4	−.4	+1.6	+.3	+1.7
1898	+2.2	+1.0	+6.3	−3.0	+.4	+1.5	+2.6	+2.0	+1.8	+1.2	−1.3	−1.5
1899	−1.9	−5.7	−1.4	+1.5	+1.5	+1.8	+.1	+.9	−2.4	+2.0	+.2	+.2
1900	+1.3	−1.3	−6.5	+.6	+.8	+1.8	+1.8	+4.7	+4.2	+6.0	+2.2	−.1
1901	+.6	−6.7	−.3	−1.4	−.7	+1.0	+4.2	+1.7	−.6	−.4	−5.3	−2.2
1902	−2.9	−4.5	+3.6	−.6	+.2	−2.1	−.4	−2.5	−1.5	+.5	+6.0	−2.9
1903	−1.6	+2.1	+8.7	+.2	+2.2	−4.6	−1.0	−3.1	−1.0	+.8	−4.4	−5.9
1904	−8.5	−6.6	−1.7	−3.9	+2.0	−.2	−1.6	−2.3	−.5	−2.0	−2.5	−5.5
1905	−4.7	−7.6	+1.3	−.2	−1.2	−.1	+.4	−.7	−.2	+.6	−2.2	+2.3
1906	+6.5	−.4	−6.0	+1.4	+1.2	−.9	+2.9	+2.8	−.6	+.2	−.6	−.5
1907	+1.5	−5.6	+4.1	−5.0	−4.8	−4.5	−.7	−2.3	+.6	−4.4	−1.5	+1.9
1908	−.1	−3.6	+3.0	+1.2	+1.6	+.7	+1.7	−.9	+1.4	+2.0	−.1	+.7
1909	+2.7	+7.4	−2.1	−.1	−.4	+.7	−2.5	−.9	−1.4	−4.2	+5.1	−4.3
1910	−1.3	−1.8	+7.2	+4.0	−2.8	−2.7	+.6	−.5	+1.3	+3.0	−4.5	−6.9
1911	+3.1	+2.6	−2.7	−2.4	+5.6	+.2	+1.5	+1.1	+.7	−.3	−3.5	+5.0
1912	−9.9	−4.7	−4.1	+1.6	+1.6	−2.5	−.9	−3.2	+1.3	+1.6	+1.7	+3.1
1913	+8.0	−1.0	+4.4	+2.0	−1.1	+.1	−.4	+.1	+1.8	+2.3	+2.6	+2.9
1914	+1.7	−6.6	−3.5	−1.3	+1.9	+.5	−.9	+1.0	−2.7	+3.8	−.7	−4.0
1915	−.2	+4.9	−4.8	+5.3	−3.4	−2.5	−1.5	−2.3	+2.3	+1.6	+.8	−1.9
1916	+5.7	−2.7	−7.0	−.6	+1.4	−4.4	+2.1	+1.6	−1.7	−.5	0	−1.6
1917	−.6	−2.8	−.4	−.1	−6.3	−1.3	−.1	+.9	−5.2	−5.4	−3.7	−9.8
1918	−12.3	−.2	+3.9	−.4	+5.5	−2.1	−2.1	+8.3	−5.5	+2.9	+.8	+5.3
1919	+3.5	+3.6	+3.4	−.1	−.1	+3.1	+.4	−2.1	+.2	+4.9	−.1	−6.0
1920	−7.6	−2.8	+1.0	−2.6	−3.0	−1.1	−2.7	−.1	−.3	+4.9	−1.0	+2.1
1921	+2.5	+4.4	+10.3	+6.7	+.2	+2.5	+3.7	−1.9	+4.7	0	+1.0	+.3
1922	−3.5	+4.6	+2.3	+1.5	+2.9	+1.4	−.3	−1.2	+2.1	+2.2	+1.6	+.2
1923	+.6	−3.8	−.7	−.3	−1.3	+2.8	−1.2	−1.1	+.6	−1.6	−.6	+8.3
1924	−.4	−1.5	−1.6	−2.1	−5.0	−2.3	−2.5	−.2	−4.4	+.3	−.6	+8.5
1925	−3.3	+7.2	+3.2	+2.7	−4.4	+3.8	−1.7	−.6	+3.3	−6.5	−1.8	−.6
1926	−.7	+.3	−4.6	−3.7	−.8	−4.0	−.4	+1.6	0	−.7	−.9	−4.0
1927	−1.1	+6.6	+4.3	−.9	−1.4	−4.3	−.5	−4.8	+.7	+3.0	+4.9	+1.4
1928	+1.3	+1.5	−.7	−2.6	−1.6	−2.6	+.6	+3.1	−3.8	+2.5	+2.1	−6.9
1929	−1.2	−.4	+6.0	+2.8	−1.1	−.3	−.4	−2.6	+1.5	−2.0	−.2	+.9
1930	+.7	+6.7	+.2	−.4	+1.6	+1.0	+.8	0	−3.6	−1.8	+.7	−1.3
1931	+1.5	+3.5	−1.4	−.2	+.2	+.4	+3.0	+.8	+4.9	+3.1	+7.9	+6.8
1932	+12.0	+6.9	−4.3	−1.6	+.2	+.4	−.2	+1.3	+1.0	+.2	−1.9	+2.0
1933	+8.5	+2.9	−1.1	+2.3	+2.6	+2.8	+.3	+.5	+2.1	+1.0	−3.2	+.4
1934	+3.7	−10.3	−2.8	+.3	+2.6	+4.8	+3.3	−1.7	+2.2	−.8	+3.6	−.6
1935	−1.0	+.5	+5.1	−1.5	−3.6	−.7	+2.8	+1.0	−2.0	+.4	+3.1	−5.0
1936	−4.9	−6.9	+4.9	−2.5	+3.2	+.4	+1.3	+2.9	+2.3	+1.4	−2.7	+3.2
1937	+8.2	+3.0	−3.5	−.9	+1.1	+1.4	+.2	+3.2	−2.7	−2.0	−.6	−1.6
1938	+.4	+5.7	+5.0	+2.7	−.8	−1.0	+1.0	+3.5	−2.2	+1.9	+1.4	+.9
1939	+1.8	+5.3	+.9	−1.9	+3.2	+1.8	−.5	+3.0	+1.7	+1.0	−1.6	+2.6
Average 1888–1939	28.5	28.4	37.7	48.6	59.6	68.1	72.2	70.3	64.2	52.6	41.3	31.3

TABLE 34.—*South Carolina: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1887	−0.75	−1.15	−1.98	−1.14	−0.38	−1.19	+1.65	+1.09	−2.94	+2.97	−1.45	+1.14
1888	− .86	+ .48	+2.44	−1.90	+3.94	−1.87	−2.41	−1.15	+5.84	+1.45	+ .66	− .22
1889	+2.24	+1.30	− .35	−1.27	−1.58	+ .37	+1.30	+ .62	− .70	−1.43	+1.51	−3.06
1890	−2.40	−1.94	− .79	−1.14	+2.07	−2.30	−1.02	−1.49	+3.45	+1.28	−1.72	−1.34
1891	+ .24	− .01	+4.27	−1.62	+ .18	−1.45	+1.05	+3.01	−1.56	−1.46	+ .32	−1.62
1892	+3.32	+ .29	− .17	−1.42	− .43	+1.51	+ .70	−1.63	+1.46	−2.47	− .20	− .80
1893	−1.24	+ .81	−1.76	−2.04	+ .50	+2.71	−1.96	+6.60	+ .28	+1.77	− .30	− .53
1894	− .58	+ .05	−1.73	−1.27	− .38	−1.23	+2.43	+1.64	+2.48	+1.92	− .18	− .66
1895	+4.14	−1.23	+1.81	+2.26	+ .79	−1.67	−1.72	+2.14	−2.85	−1.94	+ .08	− .49
1896	− .40	+1.86	−1.76	−1.95	− .85	+ .45	+2.63	−1.69	− .85	−1.63	+1.86	− .08
1897	−1.10	+3.59	+ .79	+ .04	−1.16	+ .61	− .14	− .61	−1.26	+ .21	+ .20	−1.18
1898	−1.68	−3.41	− .49	+1.73	−2.02	− .60	+2.10	+3.88	+ .08	+ .83	+2.41	− .68
1899	+1.12	+2.95	+ .45	− .28	−1.78	− .83	−1.65	+ .25	−1.56	+1.97	+ .08	−1.00
1900	−1.08	+1.79	+ .55	+2.38	−1.18	+3.53	−1.71	−3.52	−1.24	+ .75	+1.10	+2.04
1901	+ .06	−1.19	+ .83	+2.08	+3.78	+1.75	−1.40	+4.06	+ .68	−2.00	−1.30	+1.83
1902	−1.47	+1.65	+ .33	−1.06	− .94	− .23	−1.99	− .64	− .36	+1.39	+1.46	+ .83
1903	+ .28	+2.81	+2.19	− .27	− .92	+3.36	−2.28	+1.25	− .52	− .37	− .91	−1.38
1904	− .50	− .67	− .41	−1.94	−1.52	− .83	− .03	+2.78	− .67	−1.89	+ .46	− .76
1905	−1.58	+ .94	−1.64	+ .54	+2.15	−2.81	+ .29	− .02	−2.16	−1.00	−1.01	+3.60
1906	+2.20	−1.65	+1.47	−1.86	− .56	+4.11	+2.55	+1.24	+ .52	+ .73	−1.35	− .30
1907	−2.82	− .61	−2.25	+1.12	+ .95	+1.15	− .75	− .34	+1.80	−2.25	+1.78	+2.16
1908	+1.30	+1.01	+ .73	+1.22	− .62	+ .15	− .42	+3.48	−1.37	+1.29	− .73	− .66
1909	−1.98	+ .31	+1.07	− .34	+1.21	+2.32	− .91	− .92	− .37	− .74	−1.38	− .74
1910	− .60	+ .45	−2.42	−1.57	+ .40	+3.07	+ .11	+ .22	− .88	+1.53	−1.23	−1.22
1911	−1.98	−2.70	−1.55	− .40	−2.94	−1.33	−2.04	+ .38	− .36	+2.90	+ .96	+1.41
1912	+1.36	+1.67	+2.90	+ .96	− .52	+ .87	− .28	−2.02	+1.92	− .94	−1.29	− .52
1913	− .48	+ .30	+3.52	−1.29	−1.42	+ .80	−1.04	−2.00	+ .54	+ .71	− .56	+ .64
1914	− .90	+ .17	−1.22	− .42	−2.72	− .88	− .65	+ .22	− .43	+ .45	+ .99	−1.14
1915	+2.75	−1.13	−1.17	−1.80	+3.61	− .49	−2.55	+1.95	−1.72	+1.81	+ .08	− .26
1916	−1.82	− .31	−1.68	−1.49	−1.14	+ .40	+9.15	−2.39	−1.53	− .43	−1.10	−1.14
1917	+ .16	− .25	+1.44	+ .04	− .48	− .23	+ .77	−2.46	+1.70	−1.58	−1.50	−2.06
1918	+ .68	−2.39	−2.03	+2.57	− .01	−1.33	− .73	−1.26	− .22	+ .65	+ .80	+1.78
1919	+ .47	+ .45	− .99	−1.20	+1.52	+1.22	+2.99	− .52	−3.05	−1.55	−1.58	− .24
1920	− .02	− .21	+2.86	+1.84	−1.70	−1.33	− .37	+2.37	+1.38	−2.23	+1.25	+ .44
1921	+ .12	+ .21	−1.47	− .78	+1.82	−1.85	+2.05	−1.45	− .92	−1.21	+ .70	−2.08
1922	− .20	+2.09	+2.97	+1.64	+2.42	+ .91	+1.53	− .46	−2.92	+2.74	−1.74	+1.38
1923	− .94	− .65	+1.19	+ .04	+2.84	−2.43	−1.23	+1.86	−1.26	−1.82	+ .34	+ .50
1924	+ .72	− .80	−1.10	+2.46	+ .88	+ .59	+1.23	−2.80	+8.83	−1.45	−1.02	+1.72
1925	+4.91	−2.55	−2.23	−1.11	−1.42	−1.38	−2.47	−4.22	−2.22	− .11	+1.52	− .08
1926	+2.56	− .31	+ .55	−2.48	− .01	+ .32	− .56	−2.24	−1.70	+1.65	+ .77	− .31
1927	−2.64	− .15	+ .01	−1.82	−1.66	+1.25	+ .75	−1.14	−2.40	+ .33	− .90	+2.87
1928	−2.18	+1.03	− .01	+3.13	+1.54	+ .81	+1.23	+3.98	+9.13	−1.09	−1.60	−1.64
1929	+ .48	+3.27	+3.31	+ .86	+2.89	+1.21	−1.57	−2.29	+2.79	+3.73	+1.31	+ .64
1930	+ .91	−3.20	− .37	−1.02	−1.22	− .25	− .91	−3.16	+ .88	− .79	+1.79	+ .32
1931	− .99	−2.57	− .92	− .12	+1.20	−2.46	−1.45	− .80	−3.12	−2.23	−1.80	+3.01
1932	+1.10	− .61	− .29	−1.35	− .14	+1.73	−1.99	+ .18	− .78	+3.85	+2.12	+2.26
1933	− .92	+ .65	−1.95	− .98	− .37	−1.93	− .65	−1.08	+ .06	− .35	−1.08	−2.34
1934	−1.82	− .43	+ .24	− .39	+1.98	− .67	−1.47	− .58	− .50	+ .39	+ .45	− .95
1935	−1.02	−1.71	−1.32	+ .18	−1.00	−2.48	+1.67	+ .93	+1.48	−1.89	+ .64	− .72
1936	+3.64	+ .54	+1.41	+4.64	−3.06	−1.03	− .81	− .88	+ .34	+3.11	− .56	+1.96
1937	+3.08	− .01	−1.27	+3.36	−1.53	+ .08	− .69	+1.23	−1.02	+1.47	+ .24	− .98
1938	−2.08	−3.35	−1.59	+3.02	+ .58	+ .08	+1.07	−3.43	+ .82	−1.90	+ .52	− .79
1939	− .48	+4.60	− .36	− .13	− .11	− .65	+ .27	+1.67	−1.92	−2.18	−1.25	− .79
Average 1887–1939	3.58	4.27	3.83	3.28	3.56	4.73	5.83	5.70	4.10	2.99	2.32	3.54

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1887	−6.0	+ 5.4	−3.4	0	+1.5	+0.3	+2.1	−1.1	−2.5	−3.5	−1.7	−1.9
1888	+ .5	+ 2.6	−2.6	+2.3	− .1	+ .7	+ .1	−1.1	−4.9	−3.7	−1.0	−4.0
1889	−1.2	− 5.7	−3.2	+ .1	+ .7	−2.8	− .7	−4.5	−2.7	−3.1	+1.2	+8.6
1890	+8.5	+ 9.0	−2.2	+ .3	− .1	+2.9	−1.5	−1.9	−1.3	− .7	+4.1	− .9
1891	− .1	+ 5.8	−4.4	+ .7	−2.3	+1.5	−2.8	− .6	− .7	−4.0	−2.1	+3.1
1892	−3.7	+ 1.2	−3.4	− .6	− .1	− .3	−1.1	+ .1	−2.5	− .3	−1.5	− .3
1893	−8.7	+ 2.6	−1.2	+4.5	− .7	−1.4	+2.1	−1.5	− .3	+ .1	− .7	+2.0
1894	+2.2	+ 1.4	+4.1	+ .1	+ .1	− .3	−2.0	− .5	+ .7	+ .5	−1.1	+1.5
1895	−1.3	−10.2	−1.3	− .9	−2.0	+ .7	− .2	+ .4	+2.4	−2.5	+ .5	− .8
1896	−2.5	+ .2	−2.0	+4.6	+5.7	+ .3	+ .9	+1.6	+ .5	−1.4	+5.4	−2.7
1897	−3.9	+ 2.5	+1.6	− .3	−1.7	+1.7	+ .3	− .9	−1.1	+2.1	+1.5	+1.0
1898	+3.1	− 3.1	+4.2	−4.4	+2.7	+2.1	0	− .1	+ .5	− .9	−2.7	−1.1
1899	−1.8	+ 4.9	0	−2.7	+2.3	+1.5	− .2	+1.9	−2.1	+ .1	+1.0	−2.4
1900	−2.2	+ 4.0	−3.6	− .1	− .9	−1.6	+ .9	+3.9	+2.5	+3.7	+1.8	−1.4
1901	−1.5	+ 4.7	−1.7	−6.8	+ .1	−1.1	+1.1	− .5	−1.6	−1.4	−5.7	−3.2
1902	−3.6	+ 6.8	− .6	−1.8	+3.1	+ .9	+ .9	− .3	−2.2	+1.1	+5.3	+ .1
1903	−2.5	+ 1.6	+5.6	−1.9	− .2	−3.3	+ .5	+1.7	−1.8	−1.7	−2.7	−5.4
1904	−5.5	− 3.2	+1.6	−3.1	− .5	− .6	− .4	−1.3	0	−1.1	−1.8	−1.7
1905	−5.1	− 8.4	+3.2	+ .6	+2.5	+1.2	+ .5	−1.2	+1.6	− .1	+ .9	−2.2
1906	+1.5	− 1.4	−3.3	+2.5	− .8	+ .8	−1.4	+1.7	+2.6	−2.0	+ .3	+1.2
1907	+6.9	− 1.8	+7.5	−5.9	− .7	−1.9	+1.5	+ .3	+1.5	−2.5	−1.3	− .4
1908	−1.6	− 3.8	+6.6	+4.5	+1.5	− .9	− .2	− .3	−2.1	−1.7	+2.8	+3.7
1909	+3.3	+ 4.4	− .6	+1.6	−1.4	+1.1	−1.7	− .2	−2.4	−2.6	+4.3	−4.2
1910	− .9	− 3.0	+4.8	+ .9	−1.1	−2.4	− .5	− .1	+1.3	+2.8	−2.5	−4.9
1911	+3.6	+ 4.5	0	− .7	+1.7	+3.3	− .1	+1.1	+4.4	+3.7	−2.5	+2.4
1912	+1.6	− 1.3	−1.6	+2.0	+1.6	+2.0	− .3	+ .4	+3.2	+1.3	−1.5	+2.1
1913	+7.7	+ 1.4	+2.2	−1.1	+ .9	−1.3	+2.0	+ .1	−2.7	−1.2	− .2	+1.1
1914	+ .7	− 3.0	−4.6	+1.5	+1.1	+3.5	+ .1	+ .1	−3.2	+ .9	−1.3	−3.0
1915	− .9	+ 1.0	−8.5	+ .9	+1.1	−1.6	+1.0	− .1	+1.3	+3.5	+2.5	−2.7
1916	+6.1	+ .8	−1.1	− .7	+2.9	−1.1	−2.1	+ .7	−2.3	+ .3	+ .9	− .1
1917	+3.6	− .4	+ .2	+2.7	−4.5	− .5	− .1	− .3	−3.3	−4.4	−3.1	−8.9
1918	−8.6	+ 4.9	+5.0	−1.3	+1.7	− .5	−2.3	+1.3	−4.5	+3.7	− .6	+4.2
1919	+1.1	− 2.8	+2.0	+ .3	+ .3	+1.1	− .5	− .3	+2.6	+1.0	+3.1	+ .2
1920	+ .4	− 4.4	−2.4	− .8	−3.3	− .1	− .9	−1.1	+1.1	+ .4	−1.3	− .4
1921	+ .9	+ 2.0	+7.8	+1.0	−2.6	+1.7	− .3	− .5	+5.7	−1.1	+3.5	+3.8
1922	−1.5	+ 5.4	+1.2	+2.4	+ .3	+ .8	+ .1	−2.3	+ .8	+1.0	+1.3	+4.6
1923	+3.3	− 2.7	+1.7	− .7	−2.7	− .3	− .7	+ .5	+1.3	− .7	−2.4	+6.0
1924	−2.5	− 3.0	−3.8	− .5	−2.5	+1.5	−1.1	+1.6	−3.8	−1.4	+ .9	+1.4
1925	− .9	+ 5.2	+2.0	+3.5	−2.4	+2.9	+1.7	+1.4	+7.3	+ .7	−2.8	+8.2
1926	−1.5	− 5.8	−1.8	− .1	− .2	+ .6	+2.0	+2.5	+1.5	−3.2	+2.5	+2.5
1927	− .5	+ 9.0	+ .7	+1.1	+ .8	−2.3	−1.5	−2.7	+1.3	+2.2	+3.8	− .4
1928	−1.2	− 1.0	− .6	−2.1	−3.1	−1.3	− .3	+ .7	−2.7	+2.8	− .6	− .4
1929	+1.1	− 2.0	+3.2	+1.6	−1.5	−2.8	−1.9	− .7	−1.7	−1.9	+1.3	− .6
1930	+1.1	+ 4.2	−3.6	+1.3	+1.3	−2.3	+2.1	−1.3	+3.0	−3.1	−2.5	−4.9
1931	−1.5	+ .2	−5.8	−1.9	−2.7	+ .3	+2.4	− .5	+3.1	+2.4	+5.3	+7.1
1932	+8.5	+ 6.8	−3.2	+ .1	−1.7	+ .1	+2.7	+ .1	−1.2	+ .1	−2.2	+3.4
1933	+5.5	+ .7	− .3	−1.0	+4.9	+1.1	−1.1	+ .5	+3.4	+1.5	−1.4	+5.6
1934	+1.5	− 5.6	−2.8	+ .9	−1.9	+1.5	+2.4	+1.1	+1.3	+ .1	+1.7	−1.8
1935	+ .5	− .4	+5.2	+ .3	− .1	+ .5	− .4	+ .4	−1.3	+ .3	+2.5	−8.6
1936	+4.5	− 3.8	+2.0	−2.0	+1.6	+ .2	+1.7	+ .4	+1.5	+2.3	−1.5	+1.0
1937	+9.5	− .7	−2.4	−1.2	− .1	+1.7	− .3	+ .1	−2.7	−2.8	−3.3	−2.3
1938	− .6	+ 5.1	+5.5	+ .5	+1.4	−1.9	−1.5	+2.3	0	− .6	+3.1	− .7
1939	+2.1	+ 5.6	+3.0	+ .1	−1.1	+3.1	+ .3	− .5	+1.8	+2.9	−3.3	0
Average 1887–1939	46.1	47.6	54.8	62.3	70.9	77.5	79.9	78.9	74.5	63.7	53.7	46.8

TABLE 35.—*South Dakota: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1890	+0.07	−0.11	−0.22	−1.03	−0.68	+2.11	−1.41	−0.91	−0.62	−0.54	−0.08	−0.09
1891	− .20	+ .59	+ .34	+ .49	− .81	+ .40	− .35	− .34	− .22	− .08	− 1.4	+ .28
1892	+ .03	+ .12	− .11	+2.93	+1.72	+1.36	− .55	+ .29	−1.01	+ .29	− .16	+ .04
1893	− .04	+ .36	+ .82	+ .69	− .45	−1.53	− .17	− .97	−1.17	+ .12	− .10	+ .45
1894	+ .17	− .28	+1.23	+1.04	−2.07	− .09	−1.20	−1.04	− .55	+ .05	− .15	− .37
1895	0	− .07	+ .11	+ .21	− .48	+1.20	−1.11	− .96	− .46	−1.05	+ .42	− .38
1896	− .19	− .03	+ .65	+1.76	−1.01	+ .32	+ .52	−1.03	+ .50	+ .13	+ .93	− .40
1897	+ .91	+ .11	+1.05	+ .45	−1.71	− .22	+ .31	+ .03	− .76	− .22	+ .04	− .13
1898	− .26	− .28	− .26	− .69	+1.41	−1.67	+ .16	−1.11	− .69	− .22	− .37	− .38
1899	− .08	− .20	+ .46	− .56	+1.59	− .12	− .67	+ .41	− .81	+ .25	− .28	− .03
1900	− .43	− .27	+ .24	+ .55	−1.91	−1.04	+1.52	+1.53	+1.44	+ .15	− .34	− .35
1901	− .44	− .15	− .16	− .52	−1.30	+2.77	− .42	+ .33	+2.05	+ .55	− .38	+ .04
1902	− .22	− .03	+ .87	− .12	− .05	− .07	− .38	+1.20	− .72	− .43	− .29	+ .90
1903	− .33	− .01	− .05	− .17	+ .25	− .50	+1.38	+1.13	+ .99	− .37	− .25	+ .10
1904	− .19	+ .14	− .75	− .54	− .41	+ .70	− .09	− .24	− .63	+ .29	− .53	− .02
1905	+ .03	− .22	− .20	− .75	+2.46	+1.78	+2.26	+ .11	− .43	+ .67	+ .57	− .50
1906	− .15	− .16	+ .03	+ .32	+2.23	− .53	−1.17	+2.80	+1.21	+ .32	− .03	+ .27
1907	+ .54	− .02	− .69	−1.25	+1.64	+ .02	−1.78	−1.20	+ .11	− .48	− .58	− .05
1908	− .31	+ .24	+ .08	− .31	+1.51	+1.18	+ .27	− .18	− .44	+1.24	+ .23	+ .23
1909	− .02	+ .26	− .76	− .99	+2.06	+ .58	+ .43	+ .56	+ .02	− .08	+ .59	+1.21
1910	+ .65	− .10	− .08	− .65	−1.30	−1.05	− .53	− .42	+ .35	− .36	− .27	− .09
1911	− .16	+ .12	− .60	− .27	−1.27	−1.74	− .48	+1.27	+ .60	+1.17	+ .36	+ .38
1912	− .21	− .18	− .26	+ .89	− .55	−1.90	+1.29	+1.19	+ .36	− .67	− .58	− .24
1913	− .13	− .19	+ .23	+ .30	+ .53	− .97	− .07	− .29	+ .04	+ .66	− .24	− .16
1914	− .23	+ .32	− .38	+ .62	+ .28	+1.56	− .38	− .07	+ .51	+ .88	− .58	− .05
1915	+ .38	+1.28	+ .01	+ .46	+ .76	+1.96	+3.43	+ .04	+1.12	+ .35	− .06	0
1916	+ .61	− .17	+ .18	− .49	+1.31	+ .19	− .03	+1.21	− .56	− .45	− .28	+ .26
1917	+ .55	− .02	+ .26	+ .65	+ .29	−1.36	− .98	− .59	+ .07	− .83	− .42	+ .16
1918	+ .42	+ .04	+ .01	+ .73	+ .61	− .92	+ .75	+ .69	− .22	− .34	+ .40	+ .47
1919	− .44	+ .56	− .24	+ .80	− .05	− .31	+ .37	−1.15	− .27	+ .83	+ .92	− .26
1920	− .23	+ .05	+ .45	+1.27	+1.91	+1.34	− .26	− .17	− .14	− .09	+ .42	− .02
1921	− .16	− .42	− .04	− .52	+ .27	−1.45	+ .82	+ .32	+1.35	− .16	+ .02	− .04
1922	+ .36	+ .43	− .36	− .61	+ .73	+ .40	+1.21	− .56	−1.13	− .36	+2.40	+ .05
1923	− .08	− .31	− .46	− .35	− .48	+1.17	+1.01	+1.39	+1.59	+ .17	− .34	− .21
1924	− .35	+ .35	+ .34	− .94	−2.18	+1.49	− .75	+ .20	+ .05	+ .63	− .19	+ .39
1925	+ .03	− .26	− .79	− .47	−1.34	+2.23	− .67	− .81	− .43	− .36	− .22	− .03
1926	+ .66	− .35	− .83	−1.77	− .14	− .41	+ .26	+ .31	+ .63	+ .17	+ .11	− .16
1927	− .23	− .25	+ .13	+2.29	+2.34	− .60	+ .35	+ .16	− .13	− .20	− .03	+ .42
1928	− .34	− .05	− .33	−1.19	−1.35	+ .72	+ .40	+ .42	+ .01	+ .31	+ .31	− .37
1929	+ .36	+ .09	+ .75	+ .37	− .23	−1.23	− .07	− .77	+1.53	+1.23	+ .02	− .30
1930	− .05	+ .19	− .54	+ .17	− .05	− .88	−1.47	+ .70	− .37	+1.04	+ .57	− .36
1931	− .32	− .24	+ .12	−1.31	− .88	−1.13	− .97	− .49	− .22	+ .09	+ .29	+ .46
1932	+ .20	− .27	− .12	+ .82	+ .46	+ .44	− .54	+ .28	− .49	+ .07	− .44	− .20
1933	− .30	− .24	+ .53	− .29	+ .42	−1.95	− .32	+ .13	− .44	−1.03	− .37	− .01
1934	− .32	− .38	− .17	−1.50	−2.25	− .15	− .68	− .88	+ .34	+ .13	− .20	− .25
1935	− .34	+ .02	+ .15	+1.57	− .03	− .49	− .51	− .38	−1.07	− .92	− .10	+ .01
1936	+ .09	+ .13	− .32	− .76	−1.20	−2.06	−1.82	− .51	− .77	− .76	+ .21	− .18
1937	+ .27	− .19	+ .34	− .35	− .56	+ .28	+ .39	− .24	− .54	− .69	− .34	+ .02
1938	− .04	+ .04	+ .13	+ .43	+ .61	− .66	− .40	− .99	+ .83	−1.00	− .05	− .28
1939	+ .39	+ .13	− .75	−1.01	− .55	+ .77	− .59	− .18	− .49	− .03	− .61	− .25
Average 1890–1939	.56	.56	1.10	2.04	2.87	3.38	2.44	2.10	1.51	1.16	.62	.54

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1890	− 9.3	− 2.1	− 3.2	+2.5	−2.1	+2.0	+ 2.2	−1.6	−1.6	− 1.0	+3.4	+ 6.4
1891	+ 9.9	9.0	− 9.2	+2.2	+ .6	−2.4	− 4.1	−1.4	+4.1	+ .1	−4.1	+ 5.3
1892	− 1.8	+ 1.2	− .9	−4.0	−8.0	−3.0	− 1.5	− .7	+1.4	+ 2.2	−1.9	− 4.2
1893	− 1.5	− 6.4	− 5.7	−6.1	−2.9	+3.4	+ .2	− .9	+1.0	− 2.9	−2.3	− 1.3
1894	− 5.6	− 3.7	+ 1.5	+1.7	+2.8	+3.4	+ 2.0	+2.2	+ .3	− .4	− .8	+ 5.3
1895	− 7.0	− 4.3	− .6	+7.4	+ .1	−3.5	− 2.7	−1.1	+1.1	− 2.8	−3.6	+ 2.7
1896	+ 3.2	+ 8.4	− 7.0	+ .6	+3.7	+ .9	− 2.0	− .4	−4.6	− 3.4	−15.8	+ 7.5
1897	− 3.0	− .7	− 7.5	−1.0	+2.2	−1.5	− .3	−3.3	+7.2	+ 1.8	−4.9	− 2.2
1898	+ 6.1	+ 6.8	− 1.9	− .4	−2.0	+ .7	− .9	+ .2	− .7	− 5.3	−5.5	− 1.4
1899	− .8	−11.8	−13.4	−2.3	−2.0	−1.0	− .7	− .4	−1.5	− .8	+7.0	− 2.3
1900	+ 8.9	− 3.9	− 1.2	+5.5	+6.4	+3.3	− 1.5	+3.9	−1.4	+ 4.2	−3.5	+ 5.9
1901	+ 5.8	− 2.1	+ 1.2	+2.5	+4.2	−1.4	+ 4.6	+1.0	−3.6	+ 3.1	+2.1	− 1.0
1902	+ 4.5	+ .3	+ 2.5	−1.7	+3.2	−4.0	− 1.9	−2.1	−3.6	+ 1.3	+1.1	− 6.0
1903	+ 3.1	− 5.7	0	+1.0	+ .7	−1.5	− 2.2	−2.2	−4.8	+ 2.9	−2.2	− .7
1904	− 1.4	− 7.3	+ .3	−1.9	+ .5	−2.4	− 4.4	−1.9	−1.1	+ 2.8	+6.8	+ .7
1905	− 5.5	− 5.7	+ 8.1	−1.5	−4.2	−3.1	− 5.2	+ .9	+2.3	− 4.4	+3.8	+ 3.3
1906	+ 6.0	+ 3.9	+ 8.6	+4.4	− .4	−2.9	− 3.4	−1.5	+1.8	− .2	− .9	+ .8
1907	− 9.3	+ 4.1	+ 5.5	−6.9	−7.8	−2.5	− 3.6	−1.2	−4.0	+ .5	+2.3	+ 5.5
1908	+ 8.3	+ 3.7	+ 1.0	+3.1	−1.7	−3.0	− 1.2	−2.9	+5.0	− 1.4	+3.1	+ .6
1909	− 1.9	+ 1.7	0	−6.3	−2.5	+ .1	− 2.0	+3.9	+ .3	− .3	+1.4	−11.3
1910	− .2	− 6.7	+16.1	+5.7	−3.2	+2.0	+ .6	−2.9	− .8	+ 5.4	−1.5	+ .8
1911	− .1	+ 1.7	+ 8.5	− .6	+3.4	+6.9	− 2.2	−3.8	− .1	− 3.8	−9.0	− .6
1912	−10.5	+ 1.5	− 9.2	+2.2	+ .4	−1.5	− 2.2	−2.8	−6.6	+ .2	+5.0	+ 4.9
1913	− .9	− 2.0	+ 5.9	+3.1	− 2.1	+3.2	− 3.0	+3.4	+ .7	− 4.1	−6.5	+ 5.3
1914	+ 8.6	− 7.3	+ .3	− .1	+ .8	+1.1	+ 2.8	−1.3	+1.7	+ 3.7	+5.6	− 8.2
1915	− 2.0	+ 4.3	− 9.4	+7.3	− 4.5	−6.2	− 7.9	−5.6	−3.0	+ 2.6	+2.9	+ 2.4
1916	−12.6	− .5	+ 2.7	−2.1	− 2.1	−5.4	+ 3.7	−1.5	−2.1	− 3.3	0	−10.1
1917	− 3.0	− 7.9	+ 4.7	−4.8	− 4.7	−3.8	+ 1.3	−2.9	−1.2	− 7.4	+8.4	− 9.3
1918	− 9.5	+ .5	+ 9.4	−3.7	+1.7	+2.0	− 2.7	+ .3	−5.0	+ 2.9	+1.0	+ 4.0
1919	+10.8	− 2.1	− 1.7	−1.0	− .2	+2.2	+ 2.2	+ .9	+2.2	− 8.2	−8.1	− 5.3
1920	− 1.9	+ 4.3	− 6.9	−9.1	− .9	−1.7	− 1.9	−1.6	+1.0	+ 4.3	−2.0	+ 1.0
1921	+ 9.5	+10.7	+ 5.8	+1.0	− .1	+6.1	+ 1.9	+ .3	− .6	+ 2.6	−4.6	+ 1.9
1922	− 3.2	− 9.4	+ .8	0	+1.1	+1.8	− 3.9	+3.0	+3.4	+ 2.1	+1.9	− 4.4
1923	+ 6.2	− 2.5	− 3.5	−1.5	− .4	+ .4	+ 1.4	−3.4	+ .7	− 2.2	+6.9	+ 6.2
1924	− 5.8	+ 6.7	− 4.0	− .8	−5.7	−4.0	− 3.9	−1.2	−2.5	+ 6.0	+2.0	−10.0
1925	− 2.0	+ 7.5	+ 5.4	+6.5	− .2	−1.2	− 1.7	+3.3	+3.1	−11.4	+1.2	+ .8
1926	+ 3.7	+10.4	+ 1.0	+ .8	+5.0	−1.0	+ .7	+ .1	−3.6	+ 1.0	−4.1	− 2.2
1927	− 2.6	+ 6.6	+ 3.5	−1.3	− 3.7	−2.2	− 4.0	−3.9	+ .4	+ 4.1	−3.7	−15.2
1928	+ 4.4	+ 1.9	+ 5.3	−4.7	+4.6	−5.3	− 1.1	+ .2	−2.2	− .3	+1.9	+ 6.0
1929	−11.4	− 8.5	+ 4.7	+ .2	− 2.3	−1.6	+ 1.8	+2.9	−4.9	+ 1.4	−3.8	− .7
1930	−10.8	+14.3	+ .8	+5.2	− 2.0	− .5	+ 4.7	+3.0	0	− 2.7	+2.2	+ 5.2
1931	+11.9	+14.7	+ .4	+2.1	− .7	+7.8	+ 3.7	+1.4	+6.2	+ 3.5	+1.3	+ 3.3
1932	− 2.4	+ 3.0	− 6.4	+3.4	+ 3.0	+2.2	+ 1.7	+1.7	− .5	− 4.0	+ .8	− 4.4
1933	+ 9.0	− 1.9	+ 3.1	−1.7	− 1.2	+9.7	+ 4.5	− .7	+4.8	+ .8	+3.5	+ .4
1934	+ 9.5	+ 8.3	+ 1.0	+2.5	+12.6	+3.7	+ 4.5	+1.2	−4.6	+ 5.1	+5.9	+ .5
1935	+ 1.0	−12.6	+ 5.0	−4.3	− 5.2	−2.6	+ 6.2	+2.1	+2.1	+ .8	−4.5	+ .4
1936	−11.0	−22.8	+ 2.4	−4.2	+ 6.9	+5.0	+11.1	+5.4	+3.8	− 1.0	− .6	+ .9
1937	−15.8	− 2.6	− .8	−2.0	+ 3.6	−1.1	+ 2.9	+7.3	+2.5	+ .3	−1.9	− 1.8
1938	+ 2.7	− .4	+ 6.6	+1.6	− 1.2	+1.9	+ 1.5	+5.0	+3.8	+ 7.4	−2.5	+ 3.9
1939	+ 8.9	− 7.9	+ 2.6	+ .3	+7.8	− .1	+ 4.4	+1.0	+3.9	+ .1	+5.8	+10.0
Average 1890–1939	16.8	19.0	31.3	45.8	56.4	66.4	73.1	70.9	61.6	48.5	33.2	21.8

TABLE 36.—*Tennessee: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1883			−1.61	+2.45	+0.30	+0.55	−0.60	−0.57	−0.97	+2.40	+0.68	−0.21
1884	+1.61	+4.05	+2.53	+ .51	− .59	+1.08	+1.07	−1.92	− .96	− .58	−1.98	+ .80
1885	+2.02	−2.01	−3.03	−1.69	+ .10	− .03	− 1.4	−1.70	+ .77	+ .89	+ .56	−1.33
1886	+ .12	− .60	+1.11	− .83	+ .25	+3.02	−1.22	+ .05	+ .08	−1.87	+2.85	−1.16
1887	− .23	+3.63	−1.58	− .58	− .64	−1.45	−1.16	− .93	− .33	− .27	−1.97	+ .53
1888	− .47	− .95	+ .65	−1.30	− .45	+ .01	−1.88	+3.06	+ .35	+1.22	+ .84	−2.74
1889	− .63	−1.57	−2.36	−1.93	− .37	+1.31	+ .85	− .63	+2.91	−1.57	+2.98	−3.39
1890	+1.23	+4.70	+1.54	− .29	+ .46	− .77	−1.46	+1.37	+2.58	+ .68	−2.07	− .32
1891	+1.14	+3.32	+3.38	−1.44	−2.74	+ .86	+ .03	+ .19	−2.04	−1.91	+1.88	+ .18
1892	− .37	−1.03	−1.57	+3.43	+ .75	+ .65	+1.49	+ .11	− .25	−2.51	+1.94	+1.58
1893	−3.58	+1.96	−2.94	+ .69	+3.72	− .38	−1.26	−1.31	+1.52	− .73	− .73	−1.35
1894	− .69	+3.12	−1.49	− .57	− .52	−1.82	− .36	− .20	−1.07	−1.79	−2.34	+ .43
1895	+1.25	−3.01	+ .30	− .77	−1.07	−1.60	+2.00	−1.20	− .91	− .95	− .57	− .32
1896	−2.66	+ .18	+ .96	− .74	− .36	+ .32	+2.75	−2.25	+ .38	−1.30	+3.02	−3.16
1897	−1.48	+ .80	+5.90	+1.74	−1.35	−1.28	+ .61	−1.12	−2.48	−1.23	− .44	+1.27
1898	+3.87	−3.14	− .51	− .25	−1.01	− .52	+1.44	− .00	+1.28	+1.50	− .20	−1.96
1899	+1.08	+1.43	+2.75	− .97	− .38	−1.51	+ .05	−1.53	−1.55	− .37	−1.36	+ .38
1900	−2.03	+ .77	−1.71	+ .04	−1.60	+5.62	− .34	−2.00	+ .39	+1.38	+2.70	−1.74
1901	−1.00	−2.53	−1.27	+ .26	− .27	−1.11	−2.47	+5.75	+ .79	−1.31	−2.06	+2.24
1902	+ .02	− .99	+1.77	−1.81	−1.27	+ .30	−2.51	− .19	+1.58	− .58	+1.00	+1.97
1903	−1.99	+3.64	+ .40	+ .17	+ .59	− .27	− .68	− .73	−2.50	−1.02	+ .46	− .79
1904	−1.59	−2.13	+ .87	−1.18	− .36	− .52	− .70	−1.00	− .94	−2.13	−1.08	+1.55
1905	−1.43	− .30	−1.32	− .97	+1.81	+1.72	− .16	+ .99	− .78	+2.48	−1.60	+ .46
1906	− .41	−3.14	+ .06	−1.93	− .90	− .84	+2.42	+ .28	+3.43	+ .35	+3.59	+1.00
1907	−2.03	− .28	− .94	+ .06	+2.16	− .16	− .43	− .85	+1.43	− .34	+1.28	− .71
1908	−1.46	+ .47	−1.00	+ .94	− .41	+ .28	− .65	+ .40	−1.10	−1.69	+ .21	− .35
1909	−2.00	+2.59	− .03	+ .97	+1.65	+1.22	+ .09	−1.30	+ .64	− .63	−1.40	−1.12
1910	− .78	− .24	−4.48	+ .45	+ .99	+ .97	+2.05	−1.40	− .57	+ .93	−2.13	− .57
1911	−1.02	− .38	−2.05	+3.88	−2.35	− .45	+ .28	+ .53	− .52	+ .42	+ .89	+3.93
1912	−1.58	− .26	+1.99	+5.16	− .15	+ .04	+1.32	+ .09	+ .26	−1.09	−2.13	+ .80
1913	+4.70	+ .46	+1.71	−1.48	− .24	−1.69	−1.03	−1.65	+ .18	+ .34	−2.08	−1.75
1914	−2.84	− .72	− .87	− .33	−1.98	−1.69	− .18	+1.85	− .50	+ .66	−1.76	+2.38
1915	+ .53	−1.15	−2.59	−3.31	+1.49	− .45	− .10	+3.39	+ .58	+ .58	+2.77	+2.49
1916	+2.72	−1.68	−2.14	−1.77	+ .92	+1.38	+2.82	+ .88	− .72	− .10	−1.64	+ .17
1917	+1.66	−1.12	+4.84	− .40	− .82	+ .65	+2.31	+ .06	− .14	− .31	−2.46	−2 .71
1918	+2.38	−2.16	−3.53	+1.23	− .45	+ .12	− .91	−1.30	+ .71	+2.59	−1.10	− .23
1919	+ .45	−1.17	+2.02	−1.17	+2.35	− .19	−1.86	+1.17	−1.53	+5.49	+2.82	− .68
1920	−1.40	− .81	+ .06	+3.72	+ .08	+ .43	− .65	+3.25	+1.02	−1.84	− .65	+ .50
1921	−1.60	+ .97	+ .96	− .72	−1.80	−1.36	+ .25	+1.65	+1.31	− .70	+2.34	−1.85
1922	− .58	− .04	+3.90	+1.00	+ .67	− .10	+1.07	− .92	−1.26	−1.35	−1.15	+3.16
1923	+1.25	+ .24	+2.22	+ .64	+2.43	− .05	− .49	+2.19	− .46	−1.06	− .39	+1.16
1924	+ .93	− .41	−2.30	+ .31	+1.58	− .80	− .67	−1.56	+1.51	−2.50	−1.93	+2.09
1925	−1.43	+ .08	−2.90	−1.10	−2.19	−1.50	−1.14	−2.47	− .50	+5.26	+1.24	−2.80
1926	− .64	−1.73	−1.45	−1.83	−1.27	+ .42	−1.12	+3.91	− .84	+1.59	+1.53	+6.17
1927	−1.16	+ .22	+2.12	+2.65	+ .89	+ .72	− .47	− .14	− .85	− .10	+ .86	+ .68
1928	−2.04	−2.18	− .72	+1.57	− .75	+5.96	− .91	+1.25	− .26	+2.34	+ .02	−2.60
1929	− .14	+ .60	+2.38	+ .82	+3.50	+ .40	− .06	−1.60	+1.79	+ .91	+2.64	−1.41
1930	+ .05	− .34	− .64	−2.78	+1.51	−2.80	−2.15	−1.39	+ .27	− .20	− .25	−1.43
1931	−3.11	− .31	−1.58	− .83	−1.32	−2.36	+ .34	+ .67	−1.52	− .96	+ .01	+4.26
1932	+3.37	+1.67	− .48	+ .60	−1.94	+ .05	+ .28	− .20	+1.48	+2.55	− .34	+2.52
1933	−1.48	+1.83	+ .28	− .27	+2.83	−2.43	+1.53	+ .62	+ .52	−1.60	−1.59	+ .89
1934	−2.03	−1.46	+2.76	−2.09	−1.36	+1.03	− .06	+ .85	+1.32	− .46	+ .56	−1.67
1935	+ .90	− .49	+2.40	+ .38	+ .61	+ .52	− .75	−1.04	−1.31	+ .28	+1.11	−2.83
1936	+ .08	−1.30	+1.40	− .12	−2.86	−3.18	+2.27	−1.79	+ .07	+1.17	− .47	+1.92
1937	+9.80	− .84	−3.27	− .18	+ .62	− .52	− .24	+ .71	− .35	+2.82	−1.60	− .87
1938	+ .46	−1.90	+ .24	+ .19	+1.65	+ .69	+1.91	+ .22	− .30	−2.27	+ .84	−1.99
1939	+1.10	+5.48	− .31	+ .48	− .79	+1.77	− .68	− .79	−1.67	−1.59	−1.96	−1.24
Average, 1883–1939	4.94	4.40	5.37	4.44	4.17	4.22	4.48	4.00	3.03	2.84	3.54	4.52

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1883			− 3.5	+0.6	−2.4	−1.7	−3.7	−4.7	−4.1	+2.5	+0.9	− 2.2
1884	− 9.9	+ 3.7	− .5	−3.0	− .5	−2.7	−1.7	−3.1	+1.6	+4.0	−3.4	− 1.6
1885	− 5.7	− .75	− 6.9	+ .7	−2.4	− .1	+ .5	− .9	−2.1	−5.3	−1.3	− 1.3
1886	− 8.8	+ 4.7	− 2.3	− .3	+ .1	−3.2	−2.3	−1.1	−1.2	−2.6	−2.3	− 6.1
1887	− 2.1	+ 8.0	− .5	+ .5	+3.1	−1.3	+1.1	0	−1.1	−3.8	−1.4	− 2.1
1888	− 1.5	+ 3.2	− 2.8	+2.8	−1.2	−1.3	− .1	− .5	−7.4	−5.1	+ .6	− 1.1
1889	+ 1.0	− 3.1	− .4	+1.3	−2.2	−3.2	− .9	−2.9	−4.2	−3.7	−1.2	+14.7
1890	+10.7	+ 8.7	− 3.3	+1.5	−1.8	+3.1	+ .5	−2.7	−2.1	−2.2	+3.5	+ .7
1891	+ .2	+ 5.2	− 3.6	+1.4	−2.2	+1.6	−3.7	−2.6	− .5	−2.5	−1.5	+ 4.2
1892	− 5.9	+ 1.9	− 4.0	+ .1	− .3	+1.1	−1.6	−1.1	−3.8	+1.9	−2.7	− 3.0
1893	− 8.2	+ 1.2	− 1.5	+3.4	−1.9	−1.2	+1.3	−1.4	−1.8	−2.3	−1.8	+ .2
1894	+ 3.2	− 2.2	+ 3.0	− .2	− .6	+ .4	−2.3	− .3	0	− .9	−3.9	+ .1
1895	− 4.4	−11.6	− 1.8	− .2	−2.0	+ .6	−1.8	− .1	+2.6	−6.3	+ .6	+ .6
1896	− .1	− .4	− 4.5	+6.2	+6.1	− .7	+ .3	+1.4	−1.4	−2.2	+3.0	+ .1
1897	− 4.0	+ 3.2	+ 3.6	− .5	−3.4	+ .7	0	− .7	+ .7	+3.9	+1.0	+ .8
1898	+ 4.5	− .7	+ 4.9	−5.2	+2.4	+2.0	+ .1	+ .2	+1.6	−2.1	−3.2	− 3.3
1899	− 1.0	−11.1	− 1.7	− .8	+4.3	+1.9	− .2	+2.5	−2.2	+2.5	+3.2	− 3.2
1900	0	− 4.0	− 3.0	+ .3	+ .2	− .6	+ .5	+3.0	+3.5	+5.0	+ .8	+ 1.0
1901	+ .8	− 4.6	− .3	−5.5	−1.8	+1.6	+3.4	−1.2	−3.2	−1.0	−4.4	− 5.2
1902	− 2.4	− 8.6	+ .5	−1.7	+4.7	+ .6	+1.3	+ .3	−3.6	+ .6	+6.0	− .9
1903	− .7	+ .1	+ 5.4	−1.5	+ .8	−5.8	+ .1	+ .5	−2.1	−1.0	−3.2	− 5.8
1904	− 3.2	− .1	+ 1.9	−5.2	−1.1	− .7	−2.3	− .7	+ .7	−1.5	−1.8	− .2
1905	− 7.8	−10.0	+ 5.6	+ .1	+1.8	+1.0	−1.3	− .2	+ .4	+ .1	+1.1	− 1.6
1906	+ 2.8	− 2.3	+ 5.4	−2.2	− .6	+ .3	−2.5	+ .8	+3.0	− .3	− .2	+ 2.3
1907	+ 8.9	− .5	+ 9.4	−7.0	−3.5	−2.8	+1.5	+ .6	− .9	−2.2	−2.0	+ .7
1908	− 1.2	− 1.7	+ 6.9	+3.5	+1.7	− .3	− .2	− .1	− .6	−2.2	+3.0	+ 2.8
1909	+ 3.5	+ 4.9	0	+ .3	−1.4	+ .9	−1.0	+1.5	−2.0	−1.7	+7.8	− 6.8
1910	− .9	− 4.2	+ 7.3	− .9	−3.5	−3.5	− .7	− .8	+2.4	+2.0	−3.8	− 5.1
1911	+ 4.6	+ 5.7	+ 1.5	− .6	+3.0	+2.7	−1.7	− .2	+5.2	+3.3	−3.4	+ 3.8
1912	− 6.3	− 5.8	− 3.9	+2.0	+1.0	−3.2	− .3	+ .8	+1.6	+1.3	−2.5	− .6
1913	+ 6.6	+ 1.6	+ .1	− .6	+ .6	+1.1	+2.3	+3.0	− .5	+2.0	+3.9	+ 1.3
1914	+ 3.2	− 2.7	− 4.6	+ .4	+ .6	+5.7	+1.8	+ .3	−1.3	+1.5	− .3	− 4.7
1915	− 2.1	+ 2.3	− 9.0	+2.9	+2.3	−1.1	− .7	−3.2	+1.2	+2.2	+3.4	0
1916	+ 5.8	− 1.7	− 1.8	−1.7	+2.7	−2.2	+ .2	+ .9	−2.9	0	+ .8	− 1.8
1917	+ 2.7	− 1.3	+ .1	+ .8	−6.0	−2.3	−1.3	−2.1	−2.6	−6.5	−1.6	− 9.5
1918	−12.8	+ 3.9	+ 6.3	−1.4	+3.3	+1.1	−3.0	+2.8	−6.6	+4.0	− .9	+ 6.1
1919	0	− .1	+ .9	+ .4	−1.5	+1.9	+1.5	+ .1	+ .6	+8.4	+1.9	− 1.2
1920	− .4	+ 1.3	− 1.1	−1.6	− .1	−1.6	−1.1	− .2	+ .8	+1.6	−2.6	+ .7
1921	+ 3.8	+ 3.9	+10.1	+ .7	− .1	+3.5	+2.5	+ .3	+6.1	−2.0	+3.5	+ 4.0
1922	− .4	+ 4.5	+ 1.7	+3.2	+1.6	+1.1	− .3	−1.2	+1.9	+1.2	+1.5	+ 5.4
1923	+ 5.1	− 2.4	− .7	−1.0	−1.7	− .3	− .5	+ .2	− .1	−1.5	−1.0	+ 7.7
1924	− 5.1	− 2.0	− 5.5	+ .1	−5.2	+1.2	−2.0	+1.9	−4.5	+1.7	+1.6	− 1.2
1925	+ .8	+ 6.1	+ 2.7	+5.0	−2.8	+3.8	+1.4	+ .7	+8.2	−2.6	−1.3	− 2.5
1926	− .9	+ 3.4	− 6.2	−3.0	+ .3	−1.5	+ .2	+1.4	+4.5	+2.2	−4.1	+ 1.0
1927	+ 1.1	+ 9.0	+ 1.6	+4.1	+1.9	−1.5	− .4	−3.4	+1.8	+2.6	+5.1	− .4
1928	− .7	+ .4	− .3	−3.1	−1.5	−2.9	+ .6	+1.7	−4.2	+3.1	+ .3	+ 1.2
1929	+ .6	− 4.7	+ 4.8	+3.3	− .4	− .8	+ .3	−1.0	− .4	−1.4	−1.1	+ .5
1930	− 1.2	+ 7.2	− 2.2	+2.6	+1.1	− .4	+4.0	+ .7	+2.4	−2.2	0	− 3.3
1931	+ .2	+ 3.0	− 5.4	−1.2	−2.7	+2.1	+2.5	−1.2	+4.8	+4.5	+8.0	+ 9.0
1932	+ 7.5	+ 9.0	− 4.3	+1.1	0	+2.0	+2.3	+2.0	− .7	−1.0	−2.6	+ .5
1933	+ 7.1	− .6	− .1	− .4	+3.9	+1.3	+ .1	− .6	+4.6	+ .4	+ .4	+ 7.8
1934	+ 3.5	− 4.7	− 2.5	+ .8	+1.8	−2.8	+3.7	+2.6	− .8	+1.8	+3.8	− 1.2
1935	+ 1.6	+ 1.5	+ 7.2	− .4	+ .3	− 2.3	+1.7	+2.6	− .4	+1.8	+1.3	− 7.3
1936	− 5.0	− 5.3	+ 3.8	−2.5	+3.0	+3.5	+2.6	+3.9	+3.8	+1.0	−2.6	+ 3.1
1937	+ 8.7	− .4	− 3.6	− .3	+1.0	+1.8	− .8	+2.6	−2.1	−2.3	−2.8	− 1.5
1938	+ .3	+ 7.8	+ 7.3	+1.8	+ .9	−2.1	+ .5	+2.5	− .5	+2.0	+1.2	− .3
1939	+ 3.5	+ 3.3	+ 2.7	−2.1	+ .1	+1.6	+ .6	− .2	+3.7	+3.2	−2.7	+ 1.5
Average 1883–1939	39.3	41.3	49.5	58.6	66.9	74.7	77.7	76.7	71.6	59.7	48.5	40.7

TABLE 37.—*Texas: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1888	−0.32	+1.05	+0.33	+1.78	+1.06	+3.03	−0.40	+3.11	−0.97	−0.54	+2.37	+1.16
1889	+4.36	+.78	+.24	−.74	−1.09	+3.58	+.40	−.48	+2.35	−1.57	+1.76	−2.17
1890	+.46	+1.08	−.24	+3.66	−.33	−.19	−.90	+.05	+.52	+.86	−.15	−.84
1891	+3.10	−.74	−.50	+1.37	−1.33	−.41	−.24	−.73	−.10	−2.01	−.75	+2.15
1892	−.71	−.71	+.18	−1.61	−.47	+.14	−.69	+1.51	−1.53	+1.51	+.08	+1.06
1893	−1.06	−.71	−.66	−1.21	−.06	−.45	−1.69	−.02	−1.34	−2.24	+.68	−1.41
1894	−.40	−.11	+.62	+.52	−.32	−.44	−.55	+2.87	−.21	−1.63	−1.84	−1.50
1895	−.44	+.21	−.59	−1.27	+2.34	+2.22	+.55	−.14	−1.28	−.07	+1.11	−.36
1896	+1.19	+1.02	−.65	−1.13	−2.42	−2.03	−.01	−1.10	+1.64	+1.69	−1.01	−.42
1897	+.55	−1.41	+1.50	−1.06	+.22	−.01	−1.42	+.09	−.49	+.33	−1.72	+.10
1898	−.04	+.04	+.03	−.54	−1.06	+2.26	−.45	+.25	−1.05	−1.38	−.13	−.14
1899	+.20	−.98	−1.60	−.13	−1.13	+4.00	−.07	−1.43	−1.32	+.89	+.48	−.85
1900	+.85	−.62	+1.54	+3.67	+1.28	−.96	+2.87	+1.36	+2.27	+1.03	−.45	−1.01
1901	−1.35	−.04	−.64	−1.02	−.29	−1.80	−.19	−.82	+.45	−.88	−.61	−1.22
1902	−1.06	−.77	−.26	−.91	+.22	−1.11	+3.19	−2.07	+2.09	−.11	+4.33	−.26
1903	+.38	+3.84	+1.14	−.96	−1.42	+1.03	+3.16	−.19	−.41	−.12	−2.07	−.99
1904	−1.24	−.26	−1.02	−.01	+.85	−1.21	+.05	−.12	+1.06	+.32	−.25	−.21
1905	−.32	+.79	+2.22	+3.33	+1.11	+1.57	+1.41	−1.17	−.62	+.04	+1.38	+1.35
1906	−.80	+.04	−.35	−.32	−.73	−.36	+2.06	+1.17	+.54	+.01	−.23	−.16
1907	−.91	−.57	−.43	−.57	+3.02	−1.36	+.20	−.56	−1.27	+2.78	+3.16	−.27
1908	−.89	+.83	−.42	+2.09	+1.98	−.59	+.25	+.63	+.35	−.78	−.06	−1.12
1909	−1.80	−.92	−.99	−1.44	−.65	+.30	−.25	−.20	−1.90	−.10	+.48	+.28
1910	−1.10	+.30	−.52	−.40	+.20	−1.17	−1.28	−1.12	−1.13	−.84	−1.51	−.01
1911	−1.58	+.95	+.12	+1.89	−1.58	−2.19	+1.06	−.30	−1.32	−.48	−.73	+2.65
1912	−1.44	+.31	+.68	−.12	−1.43	+.64	−1.45	+.12	−1.41	+.22	−1.12	+.48
1913	−.35	+.21	−.38	−.97	−1.16	+.54	−1.36	−1.11	+3.70	+1.78	+1.75	+2.76
1914	−1.60	−.29	+.38	+1.29	+3.97	−1.60	−1.14	+4.00	−1.47	+.89	+1.54	+1.27
1915	+.02	+.07	−.24	+2.83	−1.24	−.83	−.58	+3.68	+.24	−1.03	−1.23	−.32
1916	+.73	−1.73	−1.43	+.45	+.09	−.90	+.06	+.47	−1.07	−.50	−.64	−1.58
1917	−.90	−.87	−1.13	−.82	−.95	−2.27	−.38	−.64	−.94	−2.24	−1.20	−2.09
1918	−.13	−.79	−.72	+1.00	−1.31	−2.62	−1.60	−.73	+.64	+1.30	+2.18	+1.32
1919	+1.14	+.10	+.78	−.44	+1.60	+2.73	+2.02	+1.07	+1.95	+4.85	+.35	−1.15
1920	+2.08	−1.05	−.74	−1.94	+1.40	+.51	−.06	+3.26	−.76	+1.25	+.42	−.77
1921	−.16	−.31	+.73	+.69	−1.77	+3.51	−.34	−1.37	+1.09	−2.00	−1.29	−.78
1922	+.52	−.05	+1.62	+3.27	+.75	+.48	−.91	−1.20	−.45	−.41	+.33	−1.68
1923	−.07	+2.68	+.95	+1.17	−1.74	−.11	−.98	−.06	+1.68	+2.32	+.66	+3.20
1924	−.22	+.67	+.19	−.66	+.64	−.95	−1.71	−1.05	−.04	−1.99	−1.55	−.47
1925	−.56	−2.36	−1.42	−.93	−1.06	−1.66	−.73	−.20	+1.48	+2.18	+.51	−1.10
1926	+1.16	−1.48	+2.74	+.89	−.34	+.02	+1.22	−.04	−.79	+1.43	−.86	+1.74
1927	−.71	+.25	+.26	+.11	−2.08	+1.53	+.10	−1.38	−.13	+.54	−1.66	+.30
1928	−1.28	+.80	−.91	−.84	−.34	+.84	+.05	−.25	+.07	−.58	+.38	+.45
1929	+.16	−.52	+.51	−.57	+3.99	−1.58	−.03	−1.50	−.19	−.02	+.86	−.58
1930	−.14	−.29	−.34	−1.04	+1.44	−.93	−1.59	−.86	−1.03	+3.67	+.48	−.34
1931	+.86	+1.14	+.43	−.63	−1.31	−1.06	+.43	−.33	−2.25	−.31	−.04	+1.69
1932	+2.76	+1.38	−.63	−.49	−.81	−.02	−.23	+1.02	+2.26	−1.64	−1.41	+1.23
1933	−.15	+.34	−.18	−1.63	+.24	−2.30	+1.50	+.09	−.36	−1.33	−1.11	−.39
1934	+1.77	−.15	+1.28	+.15	−1.83	−2.26	−.69	−1.10	−.14	−2.15	+1.71	−.45
1935	−.46	+.43	−.25	−.42	+3.49	+2.00	−.34	−.83	+2.84	−.23	−.30	+.91
1936	−1.20	−1.09	−1.05	−1.30	+2.81	−1.48	+1.50	−.90	+4.11	−.13	−.87	−.33
1937	+.19	−1.29	+.74	−1.95	−1.46	−.40	−.67	−.19	−.89	+.39	−.21	+1.88
1938	+.86	+.34	+.08	+.41	−.63	+.10	+.78	−1.05	−1.36	−1.70	−.74	−.55
1939	+1.15	+.04	−1.03	−1.52	−.55	−.02	−.05	−.16	−1.81	−1.15	−.23	−.62
Average 1888–1940	1.95	1.82	2.07	2.99	3.71	3.07	2.65	2.37	2.93	2.57	2.24	2.27

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1888	−5.0	+1.9	−3.7	+3.3	−0.2	−0.4	+0.3	−1.2	−2.7	−0.5	−2.8	+2.1
1889	−.9	+.2	−1.2	+2.5	−1.7	−2.8	−1.0	−1.9	−4.6	−.6	−5.6	+12.9
1890	+6.2	+5.4	+.4	−1.1	+.1	−2.3	+.5	−.9	−3.4	−1.1	+.1	+2.4
1891	−2.8	+.5	−5.9	−.8	−2.1	+.7	−.4	−1.8	−.6	−1.7	−.9	+1.4
1892	−5.4	+5.2	−4.6	+.2	+.7	−.6	−.1	−3.0	−1.6	+.4	+.9	−1.2
1893	−.4	−1.1	−.6	+3.8	−.3	−.3	+1.3	−1.6	+1.5	−1.1	−2.3	+4.0
1894	+1.3	−5.4	+1.3	+4.0	+1.2	−1.6	−.8	−3.3	−.5	+2.4	+1.8	+2.8
1895	−1.4	−10.7	−.3	+1.2	−1.4	−1.6	−.7	−.2	+2.0	−3.9	−3.0	−.6
1896	+.4	+.7	−1.6	+2.3	+4.8	+3.0	+.2	+1.0	−.6	−2.5	+1.0	+1.2
1897	−4.6	+2.2	+2.7	−3.3	−1.3	+.8	+1.7	−.8	−1.3	+2.4	+.9	−3.3
1898	+2.2	+3.1	+.4	−1.2	+.9	−.7	−1.1	−1.1	+.2	−1.5	−3.6	−5.6
1899	−1.6	−10.3	+1.5	−1.0	+3.6	−.9	−1.0	+2.7	−.6	+2.5	+1.8	−.6
1900	+1.5	−1.8	−.1	−2.1	−.2	+1.4	−1.5	−1.5	+3.0	+2.7	+2.3	+.7
1901	+4.0	−3.0	−.1	−3.2	+.3	+1.3	+1.4	+2.2	−.1	+2.3	+2.0	−1.5
1902	−2.0	−2.2	+1.4	+3.6	+2.6	+2.7	−.7	+3.1	−1.1	+.2	+4.8	−.1
1903	−.2	−3.8	−1.3	+.5	−3.6	−5.6	−1.7	−.9	−2.3	−2.4	+.3	+.7
1904	−1.5	+4.3	+.61	+.1	−.7	−.4	−1.9	−2.0	+.7	+.5	0	−.2
1905	−4.4	−11.9	+2.7	−1.7	+1.6	+.2	−2.5	+.6	+1.4	−.5	+2.6	−5.7
1906	+.1	−2.3	−4.7	+.1	+.1	+.3	−2.8	−3.0	−.1	−5.4	−1.3	+4.7
1907	+7.1	+2.6	+8.6	−3.7	−4.9	−.5	−1.0	+.9	+1.4	−.8	−3.7	+2.7
1908	+1.4	−.3	+5.6	+.8	+.3	+.8	−2.2	−1.6	−2.1	−2.7	+.9	+2.5
1909	+4.0	+3.0	+.8	−.1	−.3	+.6	+1.9	+1.2	−.2	+.5	+6.7	−6.3
1910	+2.2	−3.4	+5.7	−.3	−.8	+.3	+1.7	+2.2	+3.1	−.1	+2.5	+.5
1911	+7.1	+4.7	+4.4	+.2	0	+3.4	−.5	+1.1	+4.7	+.5	−4.0	−3.1
1912	−4.7	−3.7	−5.6	−.4	+1.3	−2.9	+1.2	+.7	−.3	+1.0	−1.3	+3.3
1913	−.3	−3.5	−3.5	−1.4	+.3	−2.3	+.7	+.9	−3.8	−3.5	+5.7	−1.9
1914	+4.9	−2.8	−2.4	−1.4	−1.9	+.8	+1.3	−2.0	−.2	−.8	+.7	−7.2
1915	−2.3	+2.4	−9.6	−.4	−.5	+.9	−.6	−2.8	+.3	+.2	+3.0	+2.4
1916	+2.9	+1.9	+5.0	−2.0	+1.2	+1.4	+.3	−.8	−.7	+.3	−1.0	+.7
1917	+2.0	+1.6	+.8	−.7	−4.1	+.9	+1.5	+.9	−.7	−3.1	+1.3	−3.6
1918	−7.2	+2.5	+4.1	−1.1	+1.4	+3.0	+1.7	+1.6	−3.9	+.9	−2.8	+.2
1919	−3.1	+1.6	+1.4	−.6	−2.5	−4.0	−2.2	−.9	−1.3	+2.4	−.2	+1.9
1920	−2.8	+1.9	−1.4	−1.2	+1.1	−2.2	−.2	−3.3	+1.4	+.1	−2.9	−.4
1921	+5.7	+2.8	+5.8	−1.9	+.4	−.9	−.2	+1.3	+3.6	+.7	+5.0	+5.4
1922	−2.5	+3.5	−1.0	+1.4	+1.8	−.8	+.3	+1.4	+.9	−.2	+1.4	+5.0
1923	+8.0	−2.0	−3.9	0	+.8	+.7	+.4	+.8	+.4	−3.0	−1.9	+1.6
1924	−4.9	−1.3	−5.1	−.6	−3.2	+1.8	−.5	+2.6	−1.9	+.7	+3.9	−2.5
1925	−2.8	+5.6	+4.4	+5.2	+.5	+3.1	+2.5	−.3	+1.7	−3.1	−1.2	−4.2
1926	−3.7	+4.8	−3.6	−4.2	−.1	−.5	−1.9	−.4	+2.1	+3.5	−1.9	+.2
1927	+2.5	+5.4	0	+3.2	+4.5	−.8	−.4	+.6	+.7	−1.8	+7.4	−4.0
1928	+.3	+.1	+2.3	−3.6	−.1	−.2	+.5	+.3	−1.8	+2.9	−1.5	−.6
1929	+.3	−7.1	+2.3	+3.5	−1.1	+.6	−.8	+1.1	−.1	+.5	−6.6	+.2
1930	−9.3	+6.4	−3.6	+3.9	−.6	−.9	+.9	+1.1	+1.7	−1.9	−1.3	−3.6
1931	+.1	+2.3	−6.0	−4.8	−3.9	+.3	−.1	−1.9	+3.9	+4.9	+4.5	+.9
1932	+1.3	+7.2	−4.9	+1.0	−.4	+.3	+.8	+.2	−2.4	−2.7	−3.9	−4.6
1933	+5.4	−2.7	+1.9	−.2	+2.7	0	+1.0	−.5	+3.6	+3.0	+2.7	+7.1
1934	−2.2	+.3	−2.2	+1.7	+1.3	+3.6	+2.4	+2.2	−.3	+4.7	+3.9	+1.4
1935	+3.8	+.7	+5.3	+.9	−2.1	−1.5	0	+.9	−3.3	+1.9	−1.5	−1.9
1936	−2.6	−5.0	+3.3	−1.2	+.3	+1.8	−.6	+1.4	+.4	−4.3	−3.5	+1.6
1937	−2.7	−.1	−5.0	+.1	+1.6	+1.0	+.8	+2.3	+.8	0	−2.5	−1.1
1938	+1.8	+4.5	+5.5	−1.7	+.3	+.3	−.2	+.6	+.2	+2.7	−2.1	+.7
1939	+2.5	−2.6	+2.0	+.4	+2.0	+1.1	+1.3	−.7	+2.1	+1.6	−2.9	+2.8
Average 1888–1939	48.4	51.1	58.7	66.2	73.2	80.3	83.1	83.0	77.5	67.9	57.0	49.6

TABLE 38.—*Utah: Precipitation and temperature departures from normal*

PRECIPATATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891									+0.86	−0.95	−0.72	+0.34
1892	−0.36	−0.51	+0.10	−0.10	+0.33	+0.07	−0.64	−0.77	− .94	− .02	− .63	+ .19
1893	− .27	+ .07	+ .63	− .01	− .45	− .55	− .13	+ .19	− .19	− .81	− .10	+ .22
1894	− .03	− .17	+ .24	− .30	− .78	+ .27	− .21	− .23	+ .33	− .63	− .88	+ .86
1895	+ .46	− .03	− .18	− .58	− .06	−. 14	− .35	− .69	− .43	− .54	+ .54	− .30
1896	− .40	− .82	− .43	− .09	+ .30	− .37	+ .89	0	− .03	− .49	+ .30	− .62
1897	+ .32	+1.07	+ .80	− .27	− .80	− .32	− .37	− .64	+ .61	+1.08	+ .03	+ .08
1898	− .14	− .81	− .18	− .44	+1.80	+ .21	− .57	− .44	− .93	− .43	+ .03	− .45
1899	− .07	+ .45	+ .77	− .58	− .43	+ .01	− .26	− .08	− .98	+ .40	− .23	− .13
1900	− .78	− .71	−1.23	+1.30	− .86	− .41	− .83	− .70	+ .23	− .23	+ .58	− .94
1901	− .52	+ .62	− .58	− .47	+ .07	− .32	− .51	+ .59	− .82	− .06	− .64	− .27
1902	− .50	− .41	− .14	0	− .58	− .40	− .60	− .53	− .47	− .82	+ .85	− .19
1903	+ .19	− .53	− .23	− .15	+ .38	− .10	− .40	− .66	− .13	− .21	− .20	− .71
1904	− .38	+ .25	− .91	− .40	+ .49	− .10	− .24	+ .02	− .63	− .18	− .93	− .34
1905	− .35	+ .39	+ .34	+ .31	+ .55	− .39	− .40	− .30	+1.07	− .74	+ .60	− .46
1906	+ .39	− .40	+1.72	+ .94	+ .76	+ .02	− .07	+1.05	+ .30	− .76	+ .88	+ .55
1907	+1.09	+ .67	+ .23	− .20	+ .82	+ .65	− .34	+ .52	− .59	+ .35	− .59	+ .50
1908	− .42	− .12	− .32	− .67	+1.13	+ .52	+ .04	+ .16	+ .84	+1.12	− .31	− .11
1909	+1.67	+ .87	− .26	− .03	− .20	− .43	+ .25	+1.98	+ .66	− .68	+1.44	+1.08
1910	+ .30	− .16	− .64	− .77	− .80	− .19	+ .15	− .34	+ .32	+ .41	+ .15	+ .07
1911	+1.17	+ .14	− .12	− .36	− .70	+ .39	+ .04	− .74	+ .81	− .02	− .28	− .27
1912	− .73	− .56	+1.30	+ .28	− .34	− .02	+ .36	− .06	− .36	+2.07	− .14	− .61
1913	− .53	+ .08	− .49	− .40	− .74	+1.00	+ .32	+ .02	+ .25	− .29	+ .77	+ .07
1914	+1.40	− .36	− .79	+ .78	− .57	+1.46	+ .89	− .63	− .55	+ .37	− .81	− .55
1915	− .06	+ .76	− .67	+ .56	+ .77	+ .16	− .53	− .81	+ .67	− .91	+ .25	+ .18
1916	+1.91	− .07	+ .51	− .53	+ .72	− .35	+ .53	+ .12	− .44	+1.80	− .42	+ .63
1917	− .23	+ .01	− .46	+ .65	+1.38	− .42	+ .37	− .53	+ .05	−1.02	− .13	− .75
1918	+ .63	− .19	+ .37	− .39	− .24	+ .20	+ .69	− .49	+ .44	+ .32	+ .05	− .23
1919	−1.12	+ .41	− .59	− .27	− .27	− .54	+ .14	− .16	+ .85	+ .46	+ .42	− .13
1920	− .43	+ .09	+1.00	+ .92	+ .13	− .10	− .35	+ .54	− .18	+1.81	+ .06	+ .12
1921	+ .37	− .35	− .21	+ .67	+ .58	− .19	+ .13	+ .83	− .56	+ .14	− .42	+1.54
1922	+ .08	+ .34	− .12	+ .59	+ .01	− .14	− .17	+ .99	− .79	− .38	+ .59	+ .87
1923	+ .21	− .60	− .36	+ .91	− .03	0	+ .27	+ .25	+ .04	+ .38	− .24	− .19
1924	− .74	−1.00	+ .38	− .64	− .25	− .45	− .03	− .58	− .30	+ .24	− .14	+1.12
1925	− .71	− .26	− .21	+ .07	− .34	+1.41	+ .37	+ .67	+ .44	+ .38	− .13	− .41
1926	− .65	+ .33	− .65	+ .58	+ .31	− .33	+ .17	+ .02	− .08	− .77	+ .47	+ .07
1927	− .24	+ .76	+ .31	+ .08	− .25	+ .53	+ .03	+ .20	+1.16	+ .29	+ .71	+ .04
1928	− .79	− .52	+ .32	− .51	+ .26	+ .06	− .44	− .53	− .78	+ .57	+ .51	− .41
1929	+ .15	+ .08	+ .20	+ .76	− .75	+ .14	+ .31	+ .49	+1.20	− .45	− .79	− .70
1930	+ .52	− .16	− .33	− .24	+ .46	− .12	+ .29	+1.53	+ .83	+ .07	+ .18	− .85
1931	− .82	− .57	− .60	− .16	− .35	− .32	− .13	− .29	− .50	− .28	+ .61	+ .51
1932	+ .12	+ .50	− .11	+ .33	− .54	+ .44	+ .50	+ .84	− .80	− .48	− .57	+ .17
1933	+ .39	− .64	− .60	+ .13	+ .70	− .51	+ .09	− .52	− .48	− .65	− .37	+ .07
1934	− .42	+ .13	−1.03	− .74	− .85	− .06	− .27	− .05	− .57	− .52	+ .82	+ .12
1935	− .48	− .37	− .01	+ .89	+ .89	− .52	− .49	− .09	− .60	− .83	− .24	− .28
1936	+ .36	+1.62	− .10	− .51	− .69	+ .64	+1.44	+ .55	− .49	+ .54	− .35	+1.00
1937	+ .48	+ .44	+ .22	− .24	+ .02	− .19	+ .97	− .29	+ .12	+ .02	− .15	+ .38
1938	− .30	+ .16	+1.47	− .08	+ .61	+ .12	− .25	+ .05	− .27	+ .60	+ .23	− .11
1939	+ .16	+ .01	− .48	− .38	− .36	+ .08	− .38	− .38	+1.58	+ .15	− .79	− .68
Average 1892–1939	1.21	1.28	1.42	1.16	1.22	.57	.92	1.04	1.03	1.10	.93	1.08

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891									+6.3	+0.7	+3.6	−0.9
1892	− 0.7	+ 2.6	+1.6	−0.3	−0.6	+0.4	+1.1	+0.8	+3.9	− .7	− .8	−1.9
1893	+ .9	− 3.2	−2.8	−2.7	− .6	− .6	− .9	−1.7	−2.7	−2.1	−3.1	+4.2
1894	− 3.2	− 8.9	−1.8	−1.3	+2.8	−3.1	−1.3	− .3	−3.7	+ .8	+2.5	− .6
1895	− 2.1	− 4.3	−1.4	+2.1	+1.6	−1.8	−1.7	+ .8	+ .1	+ .2	−4.8	−5.9
1896	+ 3.3	+ 1.2	− .4	−6.1	−4.4	+5.4	+ .3	− .1	+ .3	+2.0	−4.1	+4.1
1897	+ 1.0	− 2.8	−6.4	− .1	+4.8	−1.4	−3.0	− .4	+1.5	−1.2	+1.8	−4.2
1898	− 8.2	− .7	−4.2	+4.4	−2.2	+ .6	+1.7	+3.7	+ .3	−2.0	−1.8	−3.8
1899	+ 2.8	− 1.0	+ .1	+1.1	−2.6	− .6	+1.6	−4.1	+4.6	−3.4	+3.0	−1.7
1900	+ 6.5	+ 2.4	+5.5	−1.4	+4.1	+5.1	+ .9	−1.3	−3.3	− .1	+2.6	+3.7
1901	+ 3.1	+ 1.2	−1.6	− .9	+3.9	−1.3	+3.8	+2.5	−1.4	+2.7	+3.8	+2.1
1902	+ 1.4	+ 4.3	−3.5	+1.4	+ .8	+2.3	−3.3	− .4	− .6	+1.0	− .6	+ .1
1903	+ 1.9	−13.2	−1.1	−1.1	−2.1	+1.1	− .7	+2.0	−2.2	+1.3	+1.6	− .5
1904	− 1.8	+ 4.4	+1.5	+1.1	+ .8	−1.3	−2.0	− .4	+ .4	− .3	+1.9	+1.9
1905	+ 3.8	+ .7	+3.8	+1.6	−3.1	+ .1	− .2	+1.6	0	−3.6	+ .4	−4.1
1906	+ .2	+ 3.9	− .4	+ .9	− .3	−2.4	− .1	− .9	−1.1	− .6	−1.4	+6.4
1907	+ 2.9	+10.6	+4.0	+3.5	−2.7	−5.8	−1.6	−2.1	−1.3	−3.5	− .1	+3.7
1908	+ 2.7	+ 1.4	+1.4	+2.3	−4.7	−5.0	− .2	−1.7	−1.4	−4.2	−1.5	−1.5
1909	+ 6.8	− .3	−1.0	−2.4	−2.8	+1.6	− .6	+ .7	− .6	+1.8	+2.5	−9.4
1910	− 1.3	− 2.0	+7.7	+4.2	+2.4	+3.3	+1.5	0	+2.4	+ .7	+4.5	+4.1
1911	+ 6.4	− 6.1	+2.8	− .7	− .4	+ .2	−2.2	+ .3	+ .9	−3.8	−3.4	−3.5
1912	+ 2.5	+ 3.5	−1.1	−3.9	−1.5	+ .1	−3.1	−1.9	−6.0	−3.0	+ .1	−2.6
1913	− 3.8	− 2.2	−3.3	+ .5	+1.9	− .6	−2.2	+ .2	−1.2	−2.5	+2.1	−2.7
1914	+ 3.4	− .2	+2.6	+2.0	+2.8	−2.0	−1.6	+ .7	+ .4	+2.5	+1.4	−4.3
1915	− 2.4	+ 2.3	+1.5	+4.6	−2.8	−3.8	−2.0	+ .3	−2.4	+1.2	+ .7	+1.4
1916	− 2.2	+ 1.2	+2.6	+1.5	−3.9	−2.4	−1.3	−2.1	− .8	−2.8	−4.7	−3.7
1917	− 9.8	− 4.0	−9.2	−5.3	−5.9	−2.6	+1.8	− .9	+ .5	+1.2	+2.6	+9.5
1918	+ 2.1	− .3	+2.9	−2.6	−2.4	+5.2	−2.0	−2.8	+ .1	+2.4	−3.7	−1.2
1919	− .6	− .5	−1.0	+1.9	+3.6	+2.3	+1.9	+1.2	+1.5	−6.7	−2.0	−5.0
1920	+ 1.3	+ 3.0	−2.9	−5.9	− .4	−1.5	+ .5	−1.2	−1.6	−3.8	−1.0	− .2
1921	+ 4.0	+ 2.8	+4.0	−3.2	− .2	+1.4	+ .2	−1.1	−1.5	+4.8	+3.5	+6.3
1922	− 7.0	− 2.9	−4.5	−5.6	− .8	+3.0	− .1	+1.4	+3.4	+1.7	−1.8	+3.9
1923	+ 6.4	− 6.1	−4.3	−1.8	+1.1	−3.6	+1.0	−1.8	−1.7	−4.1	+1.0	− .9
1924	− 5.1	+ 6.1	−5.1	− .9	+2.7	+1.9	− .2	− .3	− .9	−1.5	−1.3	−6.5
1925	− 3.4	+ 4.2	+2.8	+1.5	+3.8	−2.9	+1.1	−2.0	−1.6	−1.3	−1.4	+4.5
1926	− .2	+ 4.8	+2.4	+3.9	+1.5	+3.0	− .5	+ .5	−1.9	+1.7	+3.9	−1.0
1927	+ 3.7	+ 3.6	− .1	− .4	−1.4	0	+ .6	−2.0	−1.2	+2.0	+4.8	−2.6
1928	+ 2.5	+ 1.9	+4.0	−1.6	+4.3	−2.2	0	− .5	+1.7	+1.4	+ .3	−3.1
1929	− 2.2	− 6.4	− .6	−3.1	− .3	−1.2	+1.6	+1.9	−1.3	+1.8	−3.1	+6.5
1930	− 6.3	+ 5.4	+1.1	+5.8	−3.0	+ .9	+1.2	0	− .5	−2.0	−5.6	−7.7
1931	− 2.7	+ 3.3	− .6	+1.3	+ .1	+3.5	+3.7	+1.8	+1.4	+3.1	−5.2	−5.7
1932	− 7.1	− .9	−1.6	+ .1	− .5	−1.5	− .8	− .1	+1.0	−1.3	+2.3	−8.0
1933	− 2.5	−11.8	− .6	−3.7	−5.8	+3.9	+3.0	− .3	+3.5	+5.1	+1.7	+6.8
1934	+ 6.1	+ 9.4	+8.4	+6.2	+7.4	− .7	+2.9	+3.1	0	+3.4	+2.8	+2.7
1935	+ 4.9	+ 4.0	−1.6	− .1	−3.0	+1.8	+1.0	+1.5	+3.2	+ .1	−3.0	+1.4
1936	+ 1.9	+ 1.5	0	+2.7	+3.5	+3.3	+1.2	+ .6	−1.4	+ .3	−1.9	+2.3
1937	−14.8	− 3.6	−1.3	−2.3	+3.2	−1.2	+ .5	+2.1	+2.4	+2.6	+3.1	+5.7
1938	+ 5.7	+ 3.3	− .7	+1.0	−2.1	+1.0	− .6	+3.5	+1.2	−7.0	+3.8	
1939	+ 1.4	− 9.6	+ .8	+3.6	+2.7	− .5	+ .7	+1.2	+1.1	+ .5	+3.2	+7.3
Average 1892–1939	25.1	29.8	38.4	47.1	55.4	64.6	71.7	69.8	60.7	49.0	37.5	26.9

TABLE 39.—*Virginia: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891	+0.54	+1.55	+3.77	−0.63	+1.04	−0.19	+0.52	+1.54	−1.27	−0.48	−0.08	−0.33
1892	+1.51	− .36	− .24	+1.17	− .46	+ .36	−1.41	− .99	+.03	−2.63	+1.51	−1.00
1893	−1.26	+1.60	−1.71	− .56	+2.16	− .61	− .55	+ .59	+2.18	+2.75	+ .74	−1.07
1894	−1.10	+1.15	−2.30	− .96	+ .64	−2.08	− .77	−1.11	+1.22	+ .57	−1.07	− .39
1895	+1.69	−1.34	− .21	+1.92	+ .75	−1.02	+ .43	−1.86	−2.27	−1.31	− .20	− .31
1896	−1.16	+1.01	+ .92	−1.65	+ .57	+1.17	+2.06	−1.42	+1.91	−2.14	+1.41	−2.00
1897	−1.46	+2.86	+ .30	−1.24	+ .48	−1.16	− .12	−1.96	−2.10	+1.27	+ .03	+ .33
1898	− .74	−2.23	+ .08	+ .34	+1.68	−1.37	+ .81	+ .96	+ .04	+3.19	+ .05	− .06
1899	+ .09	+2.27	+2.70	−1.42	− .25	− .62	− .42	− .34	+ .53	− .01	−1.19	−1.10
1900	− .59	+1.05	+ .10	− .62	− .91	+ .68	−1.07	−2.27	+ .67	+1.03	+ .96	− .47
1901	− .65	−2.40	− .13	+2.67	+2.07	+ .76	+ .45	+4.19	+ .51	−1.80	− .94	+3.30
1902	− .46	+1.62	− .56	−1.00	− .98	− .18	−1.60	−1.58	+ .53	+1.33	+ .95	+ .64
1903	+ .31	+1.78	+2.11	+ .93	−1.36	+1.56	− .74	+ .18	−1.08	+ .21	− .65	−1.12
1904	−1.00	− .76	− .62	−1.02	− .59	+1.01	+ .24	−1.01	− .79	−1.66	− .30	+ .65
1905	− .46	+ .23	−1.11	− .59	+1.07	− .32	+2.33	+ .65	− .42	− .47	−1.64	+2.04
1906	+ .40	−1.38	+ .95	− .93	− .71	+ .85	+1.46	+5.13	− .87	+3.37	− .23	+ .03
1907	−1.68	− .72	− .51	+ .65	− .15	+2.15	−1.10	− .28	+2.54	−1.58	+2.42	+ .71
1908	+ .49	+ .65	− .17	− .53	+1.01	+ .25	+ .52	+2.00	− .47	+ .66	−1.00	+ .80
1909	− .84	+ .11	− .26	+ .04	+ .68	+2.05	−1.43	− .47	− .40	−1.14	−1.64	− .64
1910	+ .27	− .59	−1.97	+1.34	− .30	+2.27	+ .53	− .59	−1.04	+ .81	− .95	− .37
1911	+ .79	− .90	− .30	+ .74	−2.66	− .43	−1.41	+1.69	−1.07	+1.12	+1.16	+ .31
1912	−1.09	− .10	+3.04	− .14	+ .94	− .57	−1.15	−2.26	+2.19	−1.79	− .13	− .02
1913	− .18	−1.16	+1.22	− .22	+1.79	− .32	− .28	− .57	+ .14	+ .73	− .19	− .59
1914	− .10	+ .07	− .54	− .73	−2.05	+1.51	− .32	−1.14	−1.46	+ .05	+ .11	+2.32
1915	+1.91	+ .27	−2.44	−1.92	− .39	+ .65	− .99	+1.50	− .55	+ .74	− .91	− .10
1916	−1.36	+ .34	−1.40	− .89	+ .23	+2.01	+1.12	−1.05	− .23	− .79	− .87	− .13
1917	− .28	− .82	+2.59	− .37	− .67	− .08	+1.51	−1.48	+ .01	− .89	−1.85	−1.30
1918	+1.68	−2.33	− .13	+2.82	− .45	+ .39	−1.09	+ .24	+ .87	− .57	− .88	+ .97
1919	+ .64	− .78	− .06	− .33	+1.60	+ .51	+2.22	−1.50	−1.93	+ .26	− .38	− .56
1920	− .87	+1.53	− .19	+ .50	−1.82	+1.18	+ .15	+2.74	+ .10	−2.41	+2.85	+ .19
1921	− .21	− .23	−1.66	− .35	+ .92	−1.69	− .63	−1.95	− .31	−1.05	+ .61	− .47
1922	+ .67	+ .92	+1.75	−1.12	− .42	+ .92	+2.07	+ .06	−1.88	+ .19	−1.85	+ .98
1923	+ .22	− .13	+1.35	+ .29	−1.78	−1.17	+ .53	+ .32	+ .87	−1.51	+ .82	− .27
1924	+ .59	− .47	+ .32	+ .39	+3.50	+ .62	− .98	− .05	+3.71	−1.84	− .43	+ .02
1925	+1.40	−1.47	−1.78	− .73	−1.52	−1.42	−1.59	−1.91	−1.41	+1.32	+ .05	− .37
1926	+ .44	+ .56	−1.18	−1.39	−1.43	−2.06	− .34	+1.30	− .47	+ .21	+1.99	+1.82
1927	−2.03	+ .63	−1.84	+1.87	− .82	− .96	+ .36	+ .33	−1.33	+1.32	+ .41	+1.74
1928	−1.16	− .90	− .96	+1.54	−1.06	+ .90	−1.15	+4.33	+3.75	−1.73	−1.08	−1.37
1929	− .82	+ .91	+ .27	+ .71	+1.08	+1.24	− .72	−1.73	− .48	+3.91	+ .93	− .95
1930	− .66	−1.68	−1.61	−1.16	−1.28	− .88	−2.82	−2.63	−1.76	−1.77	− .62	− .10
1931	−1.76	−1.27	− .14	+ .21	+1.44	− .95	+ .69	+2.26	− .64	−1.91	−1.77	− .12
1932	+1.23	− .36	+1.46	− .89	+ .29	− .58	−1.76	−2.45	−1.10	+3.96	+1.89	+1.03
1933	+ .06	− .11	− .58	+1.16	+1.60	−2.07	+ .89	+1.36	−1.31	−1.71	−1.27	− .52
1934	−1.69	+ .34	+1.53	− .58	+ .42	− .66	+ .48	+ .05	+3.72	−1.47	+2.06	− .43
1935	+1.47	− .54	+1.25	+ .92	0	− .73	+ .47	− .57	+2.37	− .77	+1.60	− .75
1936	+3.12	+ .73	+2.14	+ .09	−2.34	− .84	− .36	− .71	+ .19	+ .63	−1.31	+2.01
1937	+4.68	+ .01	−2.16	+2.58	− .91	+ .73	+ .29	+3.11	− .27	+4.58	+ .34	−1.74
1938	− .60	−1.49	− .67	− .75	+ .62	+2.02	+2.63	−1.77	+ .88	−1.78	−1.39	− .23
1939	+ .02	+2.11	− .55	− .19	−2.02	+ .31	+1.65	+1.13	−1.95	+ .16	− .23	−1.15
Average 1891–1939	3.33	3.14	3.70	3.34	3.69	4.19	4.59	4.38	3.11	3.01	2.42	3.06

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891	+ 0.0	+ 5.6	− 6.5	+2.2	−2.9	+0.6	−3.4	−0.2	+1.5	−3.0	−2.1	+ 5.2
1892	− 2.0	+ 2.2	− 4.8	−1.1	+ .7	+1.9	−1.2	+ .4	−3.0	−2.5	−3.3	− 2.5
1893	−11.4	+ 1.0	− 1.8	+2.0	− .9	+ .4	+1.2	− .4	−2.3	−1.2	−1.9	+ 2.0
1894	+ 3.1	+ 1.0	+ 3.9	− .9	+2.0	+1.3	+ .7	−1.0	+1.6	+ .1	−2.2	+ 1.3
1895	− 3.5	−10.9	− 2.3	− .2	−1.8	+1.9	−2.4	+1.5	+3.7	−5.2	+1.0	+ .6
1896	− 1.4	+ .8	− 4.3	+4.1	+4.6	− .3	+ .9	+1.6	− .8	−2.6	+7.0	− 1.1
1897	− 4.5	+ 2.6	+ 3.1	+1.8	−1.2	0	+ .8	− .4	−3.5	+1.9	+ .3	+ 1.5
1898	+ 2.3	− 1.3	+ 4.7	−3.1	+1.5	+1.3	+1.5	+2.1	+1.6	+1.2	−2.0	− .9
1899	− .9	− 7.1	− 2.2	− .1	+1.6	+2.3	+ .4	+1.5	−2.0	+1.2	+1.2	− .9
1900	− .2	− 2.5	− 4.0	+ .1	+ .6	+ .8	+2.4	+5.1	+4.4	+4.6	+3.4	0
1901	0	− 5.4	+ .4	−4.4	− .9	+ .6	+3.4	+ .8	−1.7	− .8	−5.5	− 2.5
1902	− 3.3	− 6.3	+ 1.2	−1.9	+2.5	− .4	+1.2	−1.4	−2.2	+1.6	+6.5	− .1
1903	− 1.7	+ 2.4	+ 5.9	− .5	+ .8	−4.6	0	− .8	−1.9	− .7	−4.3	− 5.7
1904	− 5.7	− 5.5	− .2	−3.1	− .1	− .3	−1.9	−1.3	− .3	−1.6	−2.4	− 3.6
1905	− 5.2	− 8.8	+ 2.1	+ .7	+2.5	+ .5	0	−1.1	− .2	− .4	− .9	− .3
1906	+ 4.1	− .6	− 5.7	+1.7	+ .1	+ .9	−1.4	+2.1	+2.9	−1.5	+ .6	+ .9
1907	+ 4.7	− 3.9	+ 4.8	−6.4	−3.3	−5.7	0	−1.7	+ .5	−4.1	−1.8	+ 1.0
1908	− 1.9	− 4.9	+ 4.3	+2.8	+ .3	−1.5	+ .4	−2.0	−2.6	− .4	+1.5	+ 1.0
1909	+ 3.3	+ 6.8	− 2.3	+ .8	−1.0	+1.3	−2.6	−2.0	−2.9	−4.1	+4.7	− 5.6
1910	− 1.0	− 1.2	+ 6.3	+1.9	−3.1	−4.0	−1.0	−2.3	+ .7	+2.2	−6.2	− 5.2
1911	+ 3.8	+ 3.4	− 2.6	−3.5	+3.4	+1.1	+ .5	+1.4	+2.5	+1.1	−3.1	+ 3.6
1912	− 8.7	− 5.1	− 2.6	+2.8	+ .7	−1.7	+ .6	−1.7	+1.6	+1.3	0	+ 2.1
1913	+ 8.1	+ 1.0	+ 3.7	+1.0	+ .1	− .6	+ .6	− .6	−2.2	+ .5	+1.9	+ 2.7
1914	+ 2.7	− 4.5	− 5.3	− .2	+1.5	+2.3	−1.1	+ .9	−3.1	+2.2	− .8	− 3.7
1915	+ .3	+ 3.3	− 7.4	+3.5	− .5	−2.3	− .8	+1.2	+2.0	+ .9	+2.2	− 2.2
1916	+ 5.3	− .2	− 4.3	−1.1	+2.5	−2.6	− .1	+ .2	−2.4	+ .2	+ .7	− 1.2
1917	+ 1.5	− 1.4	− 1.0	+ .6	−5.0	− .9	− .5	− .7	−4.6	−5.4	−3.3	−10.0
1918	−11.5	+ 2.2	+ 4.0	−1.9	+4.5	−1.9	−3.7	+1.9	−5.3	+3.5	− .1	+ 4.3
1919	+ 1.7	+ .6	+ 1.9	+ .2	+ .3	+ .5	+ .6	−1.4	+ .1	+8.3	+1.3	− 3.0
1920	− 3.1	− 3.3	− .3	− .9	−4.2	−1.4	−2.4	−1.0	+ .2	+3.0	− .7	+ 1.4
1921	+ 1.5	+ 3.5	+10.0	+4.6	−2.2	+1.3	+2.1	− .9	+5.4	0	+3.5	+ 2.0
1922	+ 2.8	+ 3.6	+ 1.6	+2.5	+1.2	+1.6	− .1	−2.2	+ .6	+2.1	+1.0	+ 3.0
1923	+ 2.0	− 1.8	+ .8	− .6	−1.8	+2.0	−1.1	− .4	0	−1.9	−1.6	+ 7.7
1924	− 1.4	− 1.8	− 2.7	−1.9	−3.6	− .5	−2.7	+ .3	−4.7	− .3	+ .7	+ .8
1925	− 1.5	+ 7.1	+ 1.8	+2.7	−4.3	+4.1	+1.0	−1.4	+4.7	−3.6	−1.7	− .5
1926	− 1.0	+ 2.8	− 4.9	−2.0	0	−2.0	+ .8	+2.4	+1.8	+1.1	−2.3	− 1.2
1927	− .1	+ 7.4	+ 2.3	−1.6	+ .2	−3.5	− .8	−4.2	+ .5	+2.4	+4.3	+ 1.2
1928	+ .7	+ 1.5	− .3	−2.1	−1.8	−1.5	+ .6	+1.7	−4.4	+1.7	+1.6	+ .8
1929	− .4	+ 1.8	+ 4.7	+4.0	− .4	−1.2	+ .3	−1.7	0	−1.7	+1.4	+ 2.0
1930	+ 1.6	+ 6.4	− 1.3	+ .3	+2.7	+ .5	+2.9	+ .1	+5.5	−2.2	−1.0	− 3.2
1931	+ 1.3	+ 2.9	− 5.2	− .9	− .6	+ .6	+2.8	− .3	+4.1	+3.0	+7.3	+ 8.1
1932	+10.2	+ 8.0	− 4.1	− .6	− .3	+ .9	+1.3	+1.8	+ .5	+ .7	−1.7	+ 2.7
1933	+ 7.0	+ 2.1	− 1.3	+ .5	+3.9	+1.9	− .7	+ .3	+4.3	− .5	−1.2	+ 4.5
1934	+ 3.8	− 8.6	− 3.5	+ .6	+1.2	+3.9	+3.4	0	+1.3	− .5	+2.5	− .3
1935	− 1.1	+ .7	+ 4.7	−2.5	−2.3	− .7	+ .5	+ .4	−1.7	+ .3	+3.2	− 7.0
1936	− 5.7	− 5.1	+ 3.9	−2.3	+2.2	+ .4	+1.7	+2.3	+1.8	+2.2	−1.5	+ 1.4
1937	+ 8.8	+ .4	− 3.3	− .4	0	+1.9	− .9	+1.4	−3.8	−3.3	+1.9	− .9
1938	− .4	+ 5.7	+ 5.0	+2.4	− .5	−1.7	− .1	+2.0	−1.2	− .2	+2.5	0
1939	+ 2.6	+ 5.9	+ 2.0	− .6	+1.3	+3.1	−1.3	+ .9	+1.7	+1.5	−2.4	+ 1.5
Average 1891–1939	36.7	37.3	45.9	54.5	64.1	71.7	75.4	74.1	68.7	57.3	46.5	38.0

TABLE 40A.—*Washington (Western Division): Precipitation and temperature departures from normal*

PRECIPTATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1890	+0.83	−0.75	−0.81	−1.27	−1.67	+0.79	+0.23	−0.53	−2.65	+0.64	−6.85	− 2.12
1891	−2.07	−2.57	−2.05	+1.38	−1.50	+ .82	− .43	+ .84	+1.48	−1.38	+1.87	+ 2.84
1892	−3.45	−3.41	−1.71	+1.15	+ .19	−1.00	+ .51	− .04	+1.32	−1.76	+2.56	− 2.87
1893	−4.74	+ .99	− .31	−4.00	+1.26	+ .67	− .05	− .73	+ .16	+ .33	+1.50	− 1.04
1894	+1.09	+ .25	+1.63	+2.02	− .06	+ .98	− .45	− .93	+1.96	+1.89	− .04	− 3.86
1895	− .61	−2.28	− .50	+1.23	+2.78	−1.43	− .15	− .87	− .30	−4.50	−2.69	+ 3.48
1896	+3.44	+1.41	−2.01	+1.24	+1.13	− .09	− .90	− .26	−1.30	−1.11	+3.45	+ 2.28
1897	−2.05	+ .09	+ .65	−1.55	− .83	+ .25	+ .88	− .36	− .47	−2.66	+3.57	+ 4.18
1898	−3.83	+2.79	−2.73	−1.03	−1.03	+ .90	− .18	− .74	+1.23	− .77	− .69	− 3.14
1899	+2.27	+1.68	−1.78	+2.09	+1.53	− .53	− .41	+1.81	−1.06	+ .97	+5.45	− 1.48
1900	−1.76	− .02	+ .99	−1.08	+2.29	+2.20	+ .12	+ .15	−1.03	+2.17	−3.42	+ 1.12
1901	−1.49	+ .31	−1.22	+2.30	+ .18	+ .26	− .23	−1.02	+ .05	−1.31	+1.62	− 3.19
1902	−2.61	+4.59	+1.17	+ .04	+ .26	− .68	+ .90	− .24	− .08	−1.90	+1.97	+ 2.23
1903	− .40	−3.55	+ .02	− .42	+ .14	+ .57	+ .29	+ .02	+1.80	−1.24	+2.10	− 4.30
1904	−1.24	+2.50	+2.40	− .66	−1.70	− .47	+ .21	− .79	−2.09	−2.40	+1.97	− 1.04
1905	−2.60	−2.60	− .05	−2.68	+1.06	+ .34	− .41	+ .04	+1.64	+ .41	−4.55	− 1.75
1906	−1.42	− .90	−3.40	−2.62	+ .76	+1.68	− .71	− .84	+3.03	+2.48	+3.08	+ .15
1907	−1.35	+1.42	−1.52	+ .26	−1.46	− .53	+ .03	+ .41	+ .32	−3.66	+ .05	− .09
1908	−1.25	+ .57	+2.64	− .17	+ .73	− .98	− .28	+ .75	−2.33	+ .01	−1.54	− 1.95
1909	+ .75	+2.88	−1.98	−2.27	− .24	−1.13	+ .78	− .26	− .94	− .14	+8.02	− 4.05
1910	+ .92	+1.30	−1.15	− .38	− .42	− .56	− .78	− .55	− .97	+2.20	+3.07	− 1.99
1911	−1.37	−2.97	−3.62	− .69	+1.83	−1.16	− .46	− .39	+1.77	−3.23	+2.01	− 2.24
1912	+ .77	− .52	−3.23	− .89	− .23	+ .68	+ .46	+3.41	−1.09	+ .19	+ .51	− .39
1913	+1.74	−3.20	−1.27	−1.63	− .12	+1.61	+ .44	+ .06	+1.32	− .88	+1.71	− 5.34
1914	+7.10	−3.74	−1.39	+ .42	−1.42	+ .65	− .81	− .92	+1.74	+1.71	+1.59	− 6.41
1915	−1.71	−1.49	−1.52	+ .15	+1.22	−1.35	+ .92	−1.02	−1.58	+1.96	+1.23	+ 2.47
1916	−2.75	+2.42	+5.82	+ .19	+ .14	− .07	+2.57	− .79	−1.19	−2.37	−1.49	− 2.70
1917	−1.77	−2.29	+ .99	+3.07	−1.65	+1.72	− .56	− .88	− .44	−3.61	−3.72	+ 9.19
1918	− .02	+1.66	+ .61	−2.11	− .59	−1.98	+ .38	+1.30	−2.60	+1.38	−2.25	− .63
1919	+1.82	+ .08	− .34	+ .89	+ .43	−1.00	− .60	− .82	− .22	−1.82	− .68	− 2.99
1920	− .67	−5.39	+ .05	+ .87	− .83	+ .42	+ .13	+ .72	+3.99	+2.92	−2.30	+ .96
1921	+2.29	+2.02	− .50	+ .38	− .62	+ .76	− .66	+ .41	+1.18	+1.49	+2.00	− 2.00
1922	−4.60	−2.64	+ .46	− .16	− .50	−2.20	− .94	+1.12	+ .05	+ .01	−6.01	+ 1.10
1923	+3.45	−2.95	−1.80	−1.57	+ .29	− .89	+ .36	+ .21	−1.16	−1.47	−4.34	− .21
1924	−1.99	+2.05	−3.78	−1.32	−2.44	−1.12	− .09	+ .08	+ .45	+3.26	− .71	− .41
1925	+2.47	+1.10	−2.10	− .58	−1.09	−1.05	− .68	+ .30	−1.76	−2.85	−2.61	− .35
1926	−1.39	+ .99	−3.78	−1.96	+1.72	−1.83	− .85	+1.63	+ .19	+1.28	− .34	− .21
1927	+1.52	+3.41	− .43	− .03	+1.51	−1.21	− .50	+1.39	+2.62	+3.04	+5.75	− 2.46
1928	+1.17	−3.74	+6.86	+2.91	−1.24	− .93	− .06	−1.01	−1.30	+2.64	−2.10	− 1.73
1929	−3.93	−3.32	+1.30	+1.54	− .36	+1.04	− .23	− .25	−2.12	−1.96	−6.50	+ 1.47
1930	−3.82	+4.83	− .75	− .90	+ .85	− .09	− .88	− .96	− .09	+1.02	−3.46	− 4.48
1931	+3.88	+ .17	+5.45	+1.06	− .75	+4.19	− .70	− .79	+2.89	+1.90	+ .59	+ 2.78
1932	+1.42	+5.25	+6.52	+2.59	−1.09	−1.29	+2.40	+ .60	−1.61	+1.85	+7.00	+ 2.43
1933	+4.08	+ .35	+3.17	−2.61	+1.65	− .02	− .01	+ .41	+3.34	+2.94	−2.94	+16.82
1934	+5.26	−3.15	+1.61	−1.49	+1.02	−1.75	+ .63	− .24	+ .12	+3.46	+4.93	+ 2.24
1935	+6.66	−1.49	+3.01	−1.42	−2.02	+ .11	+ .20	− .22	− .08	− .95	−4.16	− 1.99
1936	+4.46	+2.10	+ .79	−2.21	+2.50	+2.39	+ .86	− .09	− .52	−3.59	−7.10	+ 3.30
1937	−4.00	+3.39	−1.36	+5.10	− .47	+3.59	− .60	1.46	− .91	+ .46	+6.79	+ 3.81
1938	−1 93	−1.32	+2.15	+ .97	− .95	−1.93	− .49	− .51	−1.34	+1.36	− .98	+ .34
1939	+3.25	+1.93	−1.25	−2.35	− .13	+ .42	+ .90	− .29	−1.33	+ .03	−2.87	+ 4.10
Average 1890–1939	8.26	6.19	5.70	3.99	3.03	2.41	.94	1.16	2.92	5.04	8.44	9.25

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1890	− 3.5	−2.6	+0.4	−0.6	+0.8	−1.9	−1.6	−0.4	+0.2	−0.7	+3.2	+4.9
1891	+ 4.5	−4.7	−1.5	0	+1.8	− .6	+ .9	+1.4	− .7	+3.0	+3.3	+1.7
1892	+ 2.8	+2.0	+3.9	−1.2	+ .1	+9.2	−2.5	− .5	+ .1	+ .2	+5.5	+ .3
1893	− .2	−5.9	0	−2.5	− .5	−2.4	−1.0	− .7	−1.7	−3.3	−2.7	+2.9
1894	+ .8	−2.3	−1.9	−1.5	−1.0	− .7	− .5	+ .9	−1.3	−2.3	+1.2	−2.5
1895	− .2	+3.8	−1.4	−3.8	− .8	− .2	−1.0	−2.2	−3.6	− .2	− .8	+ .7
1896	+ 2.2	+3.3	−1.8	−2.7	−2.8	− .6	+2.3	+ .2	−1.8	− .2	−7.1	+3.9
1897	+ 1.7	+1.3	−4.2	+3.1	+3.4	−7.0	−1.6	+2.3	−1.2	− .5	−2.0	+1.5
1898	+ .8	+4.2	−1.1	+ .4	+1.3	+1.4	+ .2	+1.6	+1.3	− .7	−1.3	−1.3
1899	+ 1.2	−2.5	−1.6	+1.0	−3.0	−2.3	+ .7	−2.4	+2.4	− .6	+6.3	+2.9
1900	+ 4.7	+1.2	+5.0	+2.4	+1.0	+1.9	+ .5	−1.6	− .6	−1.0	−1.5	+4.5
1901	+ .3	+ .8	+ .8	−2.1	− .4	−3.0	−2.8	+1.1	−1.4	+4.4	+3.4	+1.4
1902	+ .6	+4.8	+ .2	+ .1	+1.4	+ .3	− .6	+ .1	− .8	+1.7	− .4	+ .2
1903	+ 3.5	−1.0	−1.6	−1.7	− .4	+2.3	−2.0	− .6	− .9	+1.2	+ .4	+1.7
1904	+ 2.7	−1.2	−2.2	+3.2	− .3	− .5	+ .3	− .8	+1.2	+2.3	+8.6	+2.5
1905	+ 1.7	+1.8	+5.3	+2.7	+ .1	+ .3	+ .9	− .7	+1.0	−3.3	− .3	+ .9
1906	+ 3.3	+3.6	+ .2	+3.5	+ .1	−1.1	+4.5	+ .5	+ .5	+1.4	− .7	+1.5
1907	− 5.0	+2.4	−1.1	+ .1	+2.4	+ .6	+1.1	−1.4	+1.3	+2.8	+2.7	+1.7
1908	+ 2.5	+ .6	+ .4	+ .6	−2.2	+ .1	+2.0	−1.3	−1.0	−1.0	+3.2	−1.7
1909	− 5.4	+1.1	+ .4	−1.3	−1.7	+ .3	−2.0	−1.4	+1.2	+ .1	− .2	−4.9
1910	− 1.0	−2.9	+3.5	+ .9	+2.3	−1.1	− .4	−2.8	− .5	+ .7	− .5	+1.9
1911	− 2.2	−1.7	+1.3	−2.1	−1.8	−1.8	+1.3	− .7	−1.8	− .2	−1.8	+ .2
1912	+ 1.6	+5.1	− .5	− .6	+2.4	+ .9	+ .3	− .9	+ .4	−2.4	+ .6	+ .5
1913	− 2.8	−1.5	−2.2	+ .2	− .3	+ .9	+ .6	+1.3	+ .8	−1.9	0	+ .9
1914	+ 3.8	+1.5	+3.2	+2.6	+2.8	− .1	+1.6	− .4	−1.8	+2.7	+ .8	−3.7
1915	+ .5	+3.2	+5.4	−3.8	+1.1	+ .7	+ .7	+2.8	+ .4	+1.1	−2.3	− .1
1916	− 9.6	+ .5	− .3	+ .3	−2.3	− .2	−1.8	+ .6	− .9	−2.8	−3.4	−4.1
1917	− 1.7	−1.8	−3.9	−2.5	−2.0	−2.3	− .2	+1.3	+ .6	+ .8	+3.9	+3.2
1918	+ 4.1	−1.3	− .2	+ .6	−1.8	+2.1	+ .2	− .6	+3.3	+1.5	+ .5	− .8
1919	+ 2.1	+ .1	+ .4	+1.1	− .4	−1.8	− .5	− .4	+ .7	−3.9	−1.6	−4.5
1920	+ .2	− .2	− .5	−3.8	−3.3	−1.0	+ .9	+1.0	− .7	−1.9	+ .4	+1.6
1921	+ 1.0	+1.7	− .1	−1.4	− .8	+ .7	−2.0	− .7	−2.3	+ .7	0	−2.6
1922	− 3.7	−3.3	−3.3	+2.7	− .4	+2.3	− .1	− .3	+1.4	+ .7	−2.7	−4.5
1923	+ .5	−4.4	−1.4	+1.1	− .5	+ .6	+1.1	+2.1	+1.4	+1.0	+1.1	+ .1
1924	+ .4	+4.1	−1.1	− .9	+2.1	+ .5	− .8	− .6	+ .3	0	−2.2	−5.2
1925	+ 2.0	+3.7	+ .1	+1.3	+3.2	+ .6	+1.7	− .3	+1.1	−1.2	− .6	+3.7
1926	+ 2.1	+4.6	+5.0	+5.8	+1.2	+3.0	+1.9	+ .5	−1.3	+1.5	+2.4	−2.1
1927	− 1.1	+ .5	−1.7	−2.4	−3.7	+1.1	+ .9	+1.0	− .8	− .6	−1.5	−5.5
1928	+ .8	+ .7	+1.7	−1.6	+2.7	− .1	+1.9	− .7	− .7	−1.5	−1.1	−2.3
1929	− 5.5	−6.9	− .8	−4.2	−1.4	−1.4	−1.0	+ .9	+ .8	+ .9	−2.8	0
1930	−10.8	+ .7	+ .2	+1.9	−2.7	−1.2	−1.1	+1.3	+ .5	−3.3	−2.6	−1.3
1931	+ 3.4	+ .3	− .1	+ .5	+2.1	− .7	+1.2	− .4	− .7	−1.2	−5.4	−2.8
1932	− 3.0	−2.8	− .7	− .4	−1.2	+ .8	−3.4	− .6	+ .6	+ .1	+ .9	−5.2
1933	− 2.0	−6.9	−2.0	−2.1	−4.1	−1.9	−1.5	+1.6	−2.6	0	+ .4	+2.1
1934	+ 4.7	+5.5	+5.2	+5.7	+2.8	+ .6	−1.1	+1.5	− .4	+1.5	+2.1	+ .6
1935	− .6	+2.5	−3.6	−1.3	− .4	+ .4	− .3	− .2	+2.3	−2.2	−4.2	+1.2
1936	+ 2.3	−7.9	−2.7	+1.8	+2.1	+1.7	+ .3	+1.5	−0.1	+2.2	−1.4	+ .5
1937	−10.5	−2.7	+1.8	−2.2	+ .1	− .5	+ .6	−1.0	+1.5	+3.0	+1.2	+1.0
1938	+ 1.1	− .3	− .8	+1.3	+ .6	+1.3	+2.1	−1.8	+3.7	+ .5	−3.2	− .1
1939	+ 3.0	−2.8	− .2	+2.1	+ .8	−1.8	+ .5	+1.8	+1.0	+ .1	+3.2	+3.5
Average 1890–1939	37.6	39.5	43.2	47.9	53.2	57.8	61.7	61.8	57.1	50.9	44.1	39.6

TABLE 40B.—*Washington (Eastern Division): Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1890	+0.64	+0.08	+0.36	−0.67	+0.25	+0.27	−0.25	−0.32	−0.47	−0.59	−2.38	−1.64
1891	−1.17	+1.35	− .66	− .52	0	+1.65	+ .32	+ .01	− .48	− .70	−1.16	− .02
1892	− .73	−1.16	− .39	+ .58	+ .70	− .52	+ .02	− .19	− .53	− .56	− .24	+ .74
1893	−1.51	+ .59	+ .25	+1.80	+1.18	+ .76	− .05	− .39	+ .45	+1.30	+ .49	− .91
1894	+1.13	− .37	+1.24	− .05	+ .14	− .14	− .31	− .39	− .05	− .06	− .40	− .55
1895	+1.08	− .96	− .78	− .24	− .08	− .88	− .21	− .40	+ .56	−1.22	−1.36	+ .69
1896	− .04	− .13	− .10	+ .80	+ .71	− .58	− .34	+ .32	− .34	− .38	+2.60	+ .11
1897	− .81	+1.28	+ .50	− .37	− .33	+ .57	+ .29	− .22	+ .08	− .79	+2.70	1.25
1898	− .88	− .33	− .70	− .60	+ .39	− .16	− .18	+ .11	− .09	− .60	− .39	−1.27
1899	+1.20	+ .39	− .49	+ .02	− .04	− .18	− .27	+ .99	+ .03	+ .49	+ .80	− .69
1900	−1.00	− .51	− .18	+ .10	+ .15	− .09	− .15	+ .14	+ .28	+1.13	− .55	− .27
1901	+ .02	+ .61	− .64	− .25	+ .06	+ .08	− .01	− .34	+ .70	− .95	− .39	−1.12
1902	−1.07	+1.34	− .79	+ .56	+ .67	− .78	+ .94	− .21	− .34	− .74	+ .93	+ .46
1903	− .40	−1.32	− .27	− .49	− .39	− .10	+ .40	+ .62	+ .16	− .45	+ .60	−1.19
1904	− .95	+ .92	+1.16	+ .23	− .82	− .06	+ .41	− .20	− .71	− .27	−1.22	− .97
1905	− .47	−1.22	− .01	− .35	+ .35	+1.68	− .23	− .28	+ .17	+1.06	−1.14	− .93
1906	− .64	− .07	− .49	− .83	+1.31	0	− .30	− .08	− .25	− .37	+1.73	+ .72
1907	+ .06	− .15	+ .05	− .11	+ .14	+ .09	+ .26	+ .80	+ .24	− .80	− .88	+ .22
1908	− .73	− .32	+ .09	− .20	+ .20	− .59	+ .49	− .03	− .65	+ .65	−1.13	− .89
1909	+ .68	+ .24	− .74	− .54	− .06	− .47	+ .74	− .42	+ .02	− .14	+2.09	− .72
1910	+ .08	+1.24	+ .51	+ .07	− .25	− .52	− .32	− .21	+ .06	+ .95	+2.16	− .50
1911	− .46	− .37	− .74	− .67	+1.29	− .13	− .31	+ .14	+1.13	− .84	+ .09	− .38
1912	+1.66	+ .32	− .41	+ .51	+ .55	− .15	+ .37	+1.39	− .18	+ .59	+ .47	+ .41
1913	+1.17	− .93	− .06	− .14	+ .39	+1.15	− .10	− .10	+ .07	+ .56	+ .61	−1.11
1914	+2.02	+ .01	− .63	+ .37	− .23	+ .18	+ .07	+ .41	+ .68	+ .70	− .43	−1.35
1915	− .82	+ .15	− .18	+ .44	+1.43	− .45	+ .65	− .33	− .43	+ .02	+1.84	+1.14
1916	+ .17	+1.63	+2.11	+ .07	− .08	+ .74	+ .68	− .03	− .41	− .69	− .23	− .31
1917	− .69	− .40	+ .50	+1.45	+ .33	− .30	− .37	− .41	− .20	−1.09	− .76	+4.58
1918	+ .43	+ .35	+ .21	− .69	− .06	− .68	+ .56	+ .48	− .52	+1.27	− .35	− .31
1919	+1.62	+1.37	+ .41	+ .14	− .32	− .89	− .30	− .10	+ .25	− .28	− .07	− .33
1920	− .37	−1.46	− .17	+ .83	− .50	− .10	+ .33	+ .72	+1.12	+ .54	+ .29	+1.19
1921	+1.27	+ .39	+ .68	+ .41	− .16	− .33	− .27	− .25	+ .19	+ .33	+1.84	− .07
1922	−1.17	− .51	+ .34	+ .13	− .71	− .89	− .38	+ .56	− .22	+ .17	−1.41	+ .74
1923	+1.48	− .77	− .54	+ .12	− .16	+ .98	+ .66	+ .41	− .33	+ .67	− .75	+ .49
1924	− .49	+ .22	−1.00	− .75	−1.02	− .41	− .17	+ .30	− .05	+ .32	+ .86	− .48
1925	+ .61	+ .40	− .87	+ .09	+ .21	− .43	− .35	− .24	− .11	− .57	− .67	− .23
1926	− .57	+ .85	−1.04	− .44	− .37	− .23	− .36	+ .81	+ .55	+ .36	+1.37	− .16
1927	+ .35	+1.07	− .16	− .41	+ .22	+ .05	− .17	+ .30	+2.46	+ .53	+1.90	− .77
1928	+ .18	−1.34	+ .99	+ .50	− .70	− .22	+ .27	− .19	− .62	− .08	− .97	− .18
1929	− .85	+1.36	− .48	+ .09	− .39	+ .44	− .42	− .37	− .63	− .30	−2.28	+ .52
1930	−1.23	+ .64	− .34	− .29	+ .06	− .09	− .30	− .20	− .09	− .17	− .86	−1.73
1931	+ .67	− .64	+1.04	− .37	− .75	+ .63	− .32	− .42	+ .02	+ .18	− .09	+1.62
1932	− .10	− .04	+1.35	+ .38	+ .11	− .83	− .12	− .17	− .69	+ .08	+1.53	− .15
1933	+ .14	− .45	+ .51	− .32	+ .28	− .29	− .21	− .06	+ .67	+1.11	−1.23	+4.25
1934	+ .50	−1.24	+ .32	− .33	− .54	− .39	− .27	− .15	+ .08	+1.54	+ .77	+ .16
1935	+ .32	− .86	− .12	− .33	− .82	− .23	+ .22	− .08	− .57	− .22	−1.46	− .56
1936	+1.15	+ .04	− .21	− .36	− .31	+1.37	− .20	− .29	− .14	−1.06	−2.26	− .22
1937	− .57	+ .53	+ .30	+1.49	− .77	+2.23	− .02	− .01	− .07	− .25	+1.87	+1.05
1938	− .72	+ .54	+ .86	− .37	− .67	− .12	− .13	− .31	− .37	+ .40	− .70	−1.34
1939	− .41	+ .21	− .34	− .60	− .53	− .22	− .25	− .31	− .51	− .30	−1.79	+1.16
Average 1890–1939	2.38	1.78	1.46	1.03	1.13	1.07	.43	.44	.85	1.24	2.40	2.51

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1890	− 7.6	− 4.2	−1.7	+3.1	+5.0	+1.2	+1.0	+3.6	+3.2	+0.3	+3.1	+9.0
1891	+ 7.4	− 5.6	−5.9	+5.1	+6.0	− .7	+2.7	+4.1	+2.1	+4.0	+3.7	+ .7
1892	+ 2.1	+ 5.2	+4.2	−3.1	+ .4	+ .6	−2.4	+ .7	+2.3	+1.9	+3.0	−1.4
1893	− 2.8	− 6.9	−3.9	−3.3	−2.0	−4.2	−2.5	+ .1	− .8	−3.4	−2.2	+3.8
1894	+ .9	− 2.4	−1.4	−1.4	+ .9	−1.7	+1.0	+2.6	−2.4	−2.1	+2.2	−1.3
1895	− .2	+ 4.3	+ .1	+1.1	−1.8	− .6	+3.2	−1.4	−5.4	+1.6	+ .3	+1.5
1896	+ 5.1	+ 6.9	−2.2	−3.9	−4.7	0	+4.4	+ .4	−2.1	− .3	−8.2	+5.1
1897	+ 1.6	+ 1.1	−7.1	+2.3	+5.5	− .6	−4.4	+4.2	−1.5	− .4	−1.5	−1.4
1898	− 1.6	+ 5.0	−2.1	+1.6	0	0	− .1	+5.0	+1.1	−1.9	−1.6	−5.4
1899	+ 2.5	− 4.2	−1.7	−1.9	−3.8	−1.9	+ .5	−6.2	+2.9	−2.6	+6.7	+2.7
1900	+ 7.8	+ .2	+5.3	+2.2	+1.5	+3.2	− .8	−4.9	−1.8	−1.6	−3.2	+6.6
1901	+ 1.3	+ .3	+ .8	−3.1	+1.2	−4.7	−2.9	+3.3	−4.2	+4.6	+2.7	+2.0
1902	+ .2	+ 3.5	− .5	−2.2	− .3	−2.1	−3.5	−1.4	−1.4	+2.5	− .6	−1.6
1903	+ 3.4	− 3.9	−2.1	−3.0	− .5	+4.1	−3.5	−1.0	−3.2	+ .2	−1.4	− .6
1904	+ 3.3	− .1	−4.9	+1.5	− .8	− .4	− .1	+1.6	+2.0	+1.5	+5.2	+2.2
1905	+ 2.3	− 1.3	+4.4	+1.8	−1.2	− .7	+2.0	+ .1	+1.1	−5.9	− .7	− .5
1906	+ 3.4	+ 4.0	−2.6	+4.6	+ .4	−3.0	+7.3	+ .6	+1.6	+2.1	− .7	+1.6
1907	− 8.7	+ 2.1	−1.5	−2.0	−2.4	−1.0	+ .2	−3.4	0	+5.5	+3.5	+3.3
1908	+ 4.1	+ 1.9	+1.1	+1.3	−2.1	+ .1	+2.6	+ .3	+2.1	− .5	+4.1	−1.1
1909	− 7.1	+ 4.4	+2.5	−2.0	−1.5	+ .8	−3.0	−1.3	+2.8	0	+1.7	−5.8
1910	− .3	− 4.2	+6.2	+4.1	+3.6	− .9	+ .7	−3.2	− .2	+1.9	+1.1	+3.0
1911	+ .2	− 2.0	+2.6	− .5	−2.7	+1.7	+1.3	−1.3	−2.7	−1.5	−3.0	− .3
1912	− 1.6	+ 4.0	−2.4	− .4	+ .9	+2.4	−2.3	−4.1	−2.9	−4.3	+1.7	+1.4
1913	− 3.5	− 6.4	−3.5	− .3	− .6	+ .5	−1.7	+ .5	− .7	−3.3	+1.8	+ .1
1914	+ 6.7	+ .2	+2.9	+1.3	+1.4	−1.8	+1.3	− .7	−2.5	+ .8	+1.8	−7.6
1915	− 1.9	+ 5.1	+4.5	+3.8	− .8	− .6	−1.4	+4.9	− .6	+1.6	−2.6	− .1
1916	−12.1	− 1.1	+1.3	0	−3.9	−1.8	−5.2	− .2	+ .2	−1.7	−5.0	−6.0
1917	− 1.4	− .6	−6.4	−4.3	−2.0	−2.8	+1.0	+1.8	+1.7	+2.1	+4.4	+5.7
1918	+ 6.1	− .3	+ .7	+ .3	−2.8	+4.5	+ .3	−3.0	+5.1	+2.3	+ .5	+1.6
1919	+ 3.1	+ 1.1	+ .2	+ .9	−1.1	−2.2	+ .5	+ .5	− .3	−4.0	−2.6	−9.4
1920	+ .4	+ 2.2	0	−3.7	−3.6	−2.3	+2.0	+ .7	− .8	−1.8	+ .5	+2.5
1921	+ 3.0	+ 2.6	+1.1	−2.7	− .1	+1.5	−1.8	− .1	+4.5	−1.4	− .9	−2.3
1922	− 8.1	− 6.0	−4.1	−3.5	−2.0	+5.3	+2.2	+ .6	+2.5	+1.9	−2.9	−7.3
1923	+ 5.0	− 5.4	− .2	+ .9	− .3	− .9	+ .9	+1.1	+2.4	− .1	+2.1	+1.1
1924	− 3.5	+ 8.2	+ .3	− .6	+5.2	+1.1	+ .7	− .7	+5.7	− .3	−2.1	−6.6
1925	+ 3.5	+ 7.7	+2.5	+2.8	+2.6	+2.1	+3.4	− .9	+ .3	−1.1	−1.4	+5.6
1926	+ 3.2	+ 8.0	+5.5	+4.9	− .8	+3.6	+2.8	− .8	−5.7	+ .1	+1.9	−3.0
1927	− 1.5	+ 2.4	− .9	−2.6	−4.0	+1.3	0	− .5	−2.7	− .8	+1.2	−7.0
1928	− .1	+ 1.5	+1.8	−3.5	+3.5	0	+2.0	−1.3	+ .5	−1.1	− .2	−2.3
1929	− 9.9	−11.1	−1.4	−3.6	− .3	−1.3	−1.4	+1.9	−1.8	+1.3	−3.3	+2.5
1930	−14.4	+ 4.6	+3.2	+3.4	−1.6	−2.3	− .5	+1.5	+ .9	−3.5	−2.3	−2.0
1931	+ 5.1	+ 2.0	+ .7	+ .1	+2.9	− .2	+ .9	0	− .9	−1.0	−4.4	−3.8
1932	− 2.2	− 2.7	−1.4	+ .4	−1.5	+2.2	−4.2	−1.2	+ .6	− .3	+2.5	−4.3
1933	+ 2.6	− 7.6	+1.1	− .9	−4.7	− .6	− .6	+ .5	−3.9	+ .7	+1.9	+5.6
1934	+ 8.1	+ 7.4	+5.5	+7.0	+2.9	+1.3	− .9	− .9	−2.5	+1.4	+4.4	+1.8
1935	+ 1.3	+ 3.1	−3.0	−3.6	−1.0	−1.0	−1.4	−2.6	+3.1	−2.4	−5.0	+ .1
1936	+ 3.3	−14.8	−1.8	+2.7	+4.4	+1.3	− .2	+ .1	− .6	+3.0	−4.7	+2.3
1937	−16.3	− 4.5	+1.2	−2.9	− .2	+ .2	+1.1	−4.1	+1.9	+2.8	+2.2	+2.6
1938	+ 3.7	+ .9	− .6	+ .5	− .1	+3.0	+3.1	−2.4	+6.5	+ .9	−3.0	+ .6
1939	+ 6.1	− 2.1	+ .6	+2.0	+1.6	−2.3	+ .5	+1.6	+2.0	0	+1.1	+5.8
Average 1890–1939	27.1	31.2	40.5	49.0	56.4	62.7	69.8	68.7	59.7	49.6	37.7	30.2

TABLE 41.—*West Virginia: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891	−0.06	+2.23	+0.97	−0.74	−0.77	+0.61	+0.98	+1.43	−1.24	−0.89	+0.31	−0.02
1892	−.55	−.86	−.44	+.73	+1.09	−.51	−.41	−1.50	−.33	−2.03	+.37	−.38
1893	−1.21	+1.65	−2.45	+1.63	+.56	−.60	−1.65	−.67	−.62	+1.88	−.61	−1.24
1894	−1.29	+.83	−2.00	−.23	+.49	−1.14	−2.40	−1.98	−.40	−.54	−.62	+.75
1895	+.78	−1.89	−.89	−.62	−1.35	−1.49	−.26	−1.04	−1.20	−1.57	−.38	−.42
1896	−2.13	+.15	+.51	−1.49	−.94	+.94	+4.46	−1.23	+1.69	−.78	+.77	−1.61
1897	−2.00	+2.79	−.34	−.58	+.65	−.10	+.82	−1.14	−1.76	−2.33	+1.72	+.71
1898	+1.40	−1.35	+1.19	−.41	+.56	−1.20	−.15	+3.46	−.48	+1.98	+.11	−.63
1899	+.35	+1.16	+1.88	−1.71	+1.22	+.58	−.83	−1.41	+.75	−1.44	−.80	−.48
1900	−1.46	+.78	−.15	−2.20	−.96	+.89	−.23	−.90	−.98	−.53	+2.47	−1.03
1901	−1.29	−2.30	−.71	+3.50	+2.20	+1.26	−1.45	+1.09	+.45	−2.32	−.22	+2.55
1902	−.05	+.04	+.36	−.49	−.78	+.78	−1.07	−1.65	+.08	−.23	+.54	+2.04
1903	−.49	+2.83	+.53	+.92	−.92	+.39	−.87	−1.41	−1.60	−.31	−.27	−1.29
1904	−.98	−.79	+.18	−.40	−.40	−.21	−1.33	−1.17	−1.14	−1.27	−2.09	−.17
1905	−.55	−.82	+.16	−.77	+1.00	−.03	+1.31	+.20	−.69	+1.85	−.29	−.18
1906	+.09	−1.56	+.83	−.39	−1.36	+.84	−.07	+1.10	+.35	+.23	+.34	+1.44
1907	+2.71	−.61	+.83	−.06	−.07	+1.59	+2.05	+.59	+1.51	−.21	+.67	+.07
1908	−.78	+.56	+2.10	+.75	+2.24	−1.29	+.60	−1.23	−1.95	−1.26	−1.59	−.26
1909	−.29	+1.00	−.56	+1.49	−.13	+1.34	−.44	−1.02	−.16	−.07	−1.39	−.74
1910	+1.98	+.02	−3.39	−.16	−.03	+1.26	+.31	−2.02	+.60	−1.01	−.78	−.57
1911	+2.16	−1.13	−.64	+.74	−2.49	+.03	−1.79	+2.66	+1.77	+2.42	+.01	−.02
1912	−1.10	−.71	+1.08	+.48	−.02	−.14	+2.87	−.41	+.95	−1.52	−1.04	−.41
1913	+2.53	−.89	+.59	−.56	+1.21	−.97	+1.19	−.87	−.02	+1.64	+1.76	−.47
1914	−.52	+.48	−.91	+1.08	−1.99	−1.41	−.50	+.81	−1.32	+.08	−1.41	+2.17
1915	+1.15	−.09	−2.33	−1.62	+.27	−.78	+.02	+.79	+.94	+1.25	+.33	+1.06
1916	+1.16	+1.14	+.94	−.48	−.37	+1.01	−1.12	+.71	+.81	−.48	−.96	+.04
1917	+.96	+.13	+2.64	−.56	+.93	−.60	+.22	−.52	−.11	+1.49	−1.84	−1.78
1918	+.54	−.04	+.32	+1.56	+.39	−.24	−1.43	−.09	+.02	+.82	−.84	+1.12
1919	+.09	−1.31	−1.02	−1.11	+1.30	+.65	+.90	+.49	−.79	+2.98	+1.78	+.78
1920	+.42	−.45	−.56	+1.36	−1.19	+.60	+.23	+.22	+.24	−1.71	+.48	−.74
1921	−.94	−.55	−1.10	−1.05	+.33	−.40	−1.03	+1.15	+1.86	−.38	+3.26	+.96
1922	−.95	−.27	+1.39	−.40	−.28	+.25	−.08	−.18	−.76	−.41	−1.58	+1.42
1923	+.76	+.52	−.71	−.10	−1.37	+.13	+.09	+.34	+.41	−1.47	+.76	+2.53
1924	+.92	+.05	+.22	−.31	+3.25	+.26	−.12	+.58	+3.06	−2.46	−.68	−.71
1925	+.11	−.67	−.69	−.66	−.60	−.90	+.44	−2.19	−.61	+4.44	+.93	−2.09
1926	+.01	+.85	−1.07	−1.11	−1.45	−.56	−.16	+2.89	+2.45	+1.93	+.86	+1.81
1927	+.38	+1.33	−1.28	+2.38	+.18	−.33	+.48	+.28	−.75	+1.27	+1.62	+.43
1928	−1.52	−.66	−.07	+1.53	−1.34	+2.96	−.38	+1.31	−.19	−.88	+.58	−1.21
1929	−.78	−.18	−.47	+.99	+1.86	−.91	−.52	−.74	+.05	+3.31	+1.79	−.78
1930	−1.84	−.54	−.73	−1.60	−1.78	−1.54	−2.71	−1.85	−1.44	−1.90	−1.31	−.48
1931	−2.33	−.59	−.42	+.57	+1.14	−1.17	+.17	+2.33	+1.01	−1.20	−.92	+.62
1932	+1.12	+.06	+1.38	−1.34	−.84	+.05	+1.41	−1.01	−1.32	+1.05	+.61	−.46
1933	+.03	−.03	+1.98	+.53	+3.04	−1.66	+.60	+1.33	+.81	−1.19	−.75	+.81
1934	−.95	−1.30	+.32	−.97	−1.87	−.96	−.05	+1.32	+1.29	−1.85	+.57	−1.09
1935	+.78	−.83	+1.57	−.10	+2.12	+.79	0	+2.66	+.40	+.15	+.07	+.37
1936	+.31	−.55	+2.27	+.11	+1.96	−2.00	+.49	−.09	−1.08	+1.03	−.19	+.73
1937	+4.80	+.17	−1.89	+.54	−.37	+.62	−.65	+1.78	−.72	+4.13	−1.17	−.63
1938	−1.48	−.15	+.08	−.49	+2.02	+1.28	+.97	−1.47	+.69	−1.97	+1.23	−1.48
1939	−.11	+2.56	+.27	+1.81	−2.57	+1.82	+1.20	−1.86	−.68	+.38	−1.77	−.83
Average 1891–1939	3.70	3.16	3.94	3.55	3.95	4.41	4.61	4.05	2.90	2.86	2.73	3.29

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891	−1.1	+4.7	−7.6	+0.3	−4.5	+1.5	−5.7	−2.0	+0.3	−3.1	−0.7	+6.3
1892	−3.4	+3.7	−6.1	−1.1	+.5	+4.4	+.2	+.3	−2.1	−2.0	−1.5	−.5
1893	−10.2	+1.6	−1.8	+1.7	−2.2	+.5	+.6	−1.0	−1.5	−.5	−1.8	+2.5
1894	+3.8	0	+3.3	−1.1	+.4	+.7	+.1	−.3	+1.3	−.2	−3.4	+1.7
1895	−7.8	−10.6	−2.9	+1.2	−.1	+2.4	−2.7	+1.5	+3.8	−6.5	+1.4	+2.3
1896	−.4	0	−6.4	+6.0	+6.6	+.1	+.1	+.8	−1.3	−3.6	+4.9	+.7
1897	−4.0	+3.4	+3.6	−.2	−4.1	−.4	+1.0	−.9	−.1	+3.6	+1.8	+2.7
1898	+4.3	−.7	+6.0	−3.7	+1.3	+1.2	+1.8	+1.9	+1.1	+1.0	−1.8	−1.2
1899	−.7	−7.3	0	+1.7	+2.4	+2.3	−.1	+1.7	−2.5	+2.2	+2.4	−1.3
1900	+1.7	−2.7	−4.0	+.1	+.8	+1.5	+1.5	+4.2	+4.6	+6.3	+2.3	0
1901	+.8	−6.3	+.4	−4.2	+.1	+1.0	+4.2	+1.8	−1.7	−.3	−5.2	−2.3
1902	−2.6	−6.7	+.9	−1.9	+3.5	−1.7	+1.0	−1.4	−1.7	+1.9	+7.1	−.7
1903	−1.0	+1.9	+8.8	−.4	+2.6	−4.6	−.7	−.4	−1.8	−.4	−5.2	−8.1
1904	−5.3	−4.1	+1.3	−4.0	+.1	−.2	−1.7	−1.1	+.5	−.1	−2.0	−1.8
1905	−6.4	−7.8	+4.1	+.5	+2.5	+.9	+.1	−.5	−.9	−.4	−1.4	+1.0
1906	+5.4	−1.0	−5.2	+2.4	+1.0	+1.2	−.8	+3.6	+3.4	+1.0	+1.0	+1.3
1907	+5.9	−2.3	+7.1	−6.1	−2.7	−4.4	−.5	−2.4	−.2	−4.3	−1.8	+.9
1908	−1.8	−2.5	+5.3	+3.1	+1.7	−.5	+.8	−.9	−.6	+.5	+.1	+1.8
1909	+4.0	+7.0	−1.7	+1.3	−.9	+1.4	−3.0	−1.0	−2.8	−4.6	+5.9	−5.8
1910	−.8	−1.9	+7.0	+1.5	−3.8	−3.1	+.6	−1.0	+1.9	+3.5	−5.9	−6.2
1911	+4.5	+5.3	−2.0	−2.2	+4.3	+1.0	+.1	+1.7	+2.3	+1.7	−2.7	+4.7
1912	−9.3	−6.1	−2.6	+3.7	+1.6	−2.4	−1.2	−2.5	+2.1	+.9	−.4	+1.2
1913	+7.9	−.8	+3.2	+.7	−.1	−.2	+1.0	+.9	−2.3	−.1	+1.3	+1.8
1914	+3.0	−5.0	−5.2	+.4	+.7	+2.3	−.1	0	−3.3	+2.7	−.6	−4.3
1915	−1.1	+5.0	−8.1	+3.8	−.6	−2.0	−1.3	−2.4	+1.1	+2.0	+2.0	−1.8
1916	+6.0	−2.0	−4.0	−1.2	+2.3	−3.9	+1.6	+1.1	−3.5	−.5	+.6	−1.8
1917	+.4	−2.4	−.6	0	−6.2	−2.0	−.6	−.2	−4.1	−5.4	−3.6	−10.3
1918	−12.1	+2.0	+4.0	−1.4	+5.0	−1.5	−2.9	+4.2	−6.0	+3.6	−.3	+6.4
1919	+1.3	+1.8	+2.0	+.1	−.2	+3.3	+1.1	−1.6	−.5	+7.7	+1.2	−4.2
1920	−4.1	−2.1	+.3	−2.0	−2.8	−1.8	−.7	+.2	+2.9	−1.6	+1.0	
1921	+2.7	+4.0	+10.2	+4.0	−.3	+2.7	+2.4	−2.1	+4.4	−.9	+2.9	+2.4
1922	−2.6	+4.8	+2.5	+2.7	+2.0	+1.0	−.3	+2.9	+.7	+.8	+.6	+2.0
1923	+2.4	−3.0	−.8	−1.6	−2.0	+.5	−1.5	−.8	0	−2.5	−.9	+8.5
1924	−2.7	−1.8	−3.6	−1.2	−6.2	−1.0	−3.2	−.1	−5.8	0	−.3	−1.5
1925	−1.7	+6.4	+1.1	+3.2	−4.9	+2.5	−1.0	−1.1	+4.4	−5.3	−2.6	−2.1
1926	−3.1	+1.5	−6.6	−4.6	−.5	−3.8	−.6	+2.2	+2.1	+.3	−2.5	−.7
1927	−.3	+7.5	+2.9	+.3	+.3	−4.0	−.9	−4.7	+.5	+2.4	+4.9	−.2
1928	−.8	+1.2	−1.1	−3.1	−2.8	−3.0	+.3	+2.2	−5.2	+2.1	+.8	+.8
1929	−1.4	−3.4	+4.2	+3.7	−.9	−1.5	−.5	−2.7	0	−2.0	−.3	+2.0
1930	+1.2	+6.4	−2.2	+1.5	+1.6	−.8	+1.7	−1.1	+2.8	−4.1	−.9	−3.7
1931	+.9	+2.4	−5.1	−1.0	−1.1	+.1	+3.6	−.2	+3.5	+2.4	+8.1	+7.4
1932	+10.6	+8.2	−5.9	−.8	+.4	+.4	−.1	+.3	0	+.3	−2.3	+1.4
1933	+7.0	+1.1	−2.0	+1.1	+3.4	+1.7	−.6	−.3	+3.8	−1.0	−1.8	+4.1
1934	+3.9	−9.4	−3.6	+1.1	+1.4	+4.6	+4.3	−.2	+2.5	−.2	+3.4	−1.1
1935	+.5	+1.5	+6.2	−1.9	−2.5	−1.3	+2.4	+1.4	−1.5	+.1	+2.8	−7.1
1936	−6.1	−5.0	+2.8	−2.4	+2.4	+.8	+2.0	+3.4	+2.9	+1.9	−1.9	+2.6
1937	+10.4	+1.2	−4.0	−.3	−.3	+1.1	−.8	+2.6	−3.3	−3.0	−2.3	−2.4
1938	+.7	+7.5	+5.8	+3.1	−.6	−1.9	+.4	+1.9	−.7	+.4	+1.5	+.1
1939	+3.6	+5.6	+2.4	−1.8	+1.8	+3.0	−1.1	+.9	+2.3	+1.3	−2.4	+2.0
Average 1891–1939	32.8	33.4	42.5	51.7	61.7	69.7	73.2	71.8	66.5	54.6	43.2	34.6

TABLE 42.—*Wisconsin: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891	+0.20	+0.70	+0.71	−0.57	−2.58	−0.13	−0.95	−0.54	−2.48	−0.44	0	+1.80
1892	+ .21	+ .46	− .52	− .04	+3.34	+3.57	+ .50	− .20	−1.29	−1.02	− .34	− .09
1893	+ .23	+ .62	+ .56	+1.91	−1.04	−1.59	+ .39	−1.23	−1.37	+ .04	− .49	+1.37
1894	+ .24	− .49	+ .50	+ .92	+1.57	− .79	−2.57	−2.47	+ .16	+ .59	+ .11	− .21
1895	+ .23	− .66	−1.24	−1.25	+ .26	−1.20	−1.04	− .46	− .70	−1.97	− .16	+ .24
1896	− .61	− .74	− .41	+2.48	+1.42	− .67	− .36	− .76	+ .65	+ .22	+1.05	− .46
1897	+ .73	− .05	+ .74	− .11	−1.26	+1.37	+ .32	− .86	−1.41	− .91	− .50	− .19
1898	− .03	+ .30	+ .61	− .12	− .74	− .16	− .64	− .06	−1.69	+1.56	− .48	− .91
1899	− .39	− .27	+ .65	− .12	+ .63	+1.50	− .32	− .04	−1.12	+ .05	− .75	+ .32
1900	− .28	+ .51	− .48	0	−2.00	−2.03	+3.72	+1.07	+1.51	+3.47	− .23	− .59
1901	− .48	− .41	+1.11	−1.69	−1.29	+ .13	+ .78	−1.57	+ .54	+ .15	+ .06	− .35
1902	− .57	+ .08	− .41	− .93	+2.21	− .07	+2.74	−1.35	− .34	− .68	+ .58	+ .93
1903	− .77	− .15	+ .79	+ .60	+1.64	−2.19	+2.15	+3.14	+1.48	+ .02	− .87	− .43
1904	− .75	− .05	+ .63	− .68	+1.15	− .44	+ .01	− .36	+1.20	+1.49	−1.63	+ .58
1905	− .16	− .07	− .12	−1.18	+1.75	+2.96	+ .16	+1.58	− .50	+ .34	+ .22	− .28
1906	+1.22	− .39	+ .58	− .86	+ .81	+ .75	− .96	+ .81	− .12	+ .42	+1.20	+ .34
1907	+ .81	− .73	− .06	− .14	− .98	− .47	+1.63	+ .89	+1.19	−1.67	− .62	− .11
1908	− .37	+ .43	+ .39	+ .94	+1.83	+ .06	− .12	−1.43	−1.45	−1.07	− .23	− .02
1909	− .05	+ .37	− .51	+2.10	− .78	− .57	− .89	+ .34	− .67	−1.07	+1.76	+1.00
1910	+ .10	− .38	−1.60	+ .82	−1.33	−3.08	−1.63	+ .36	− .25	−1.12	− .41	− .47
1911	− .38	+ .60	− .68	− .70	+1.07	− .60	+ .27	+ .59	+1.55	+3.14	+ .91	+ .83
1912	− .55	− .53	− .88	− .33	+2.28	−2.70	+2.73	+2.44	+ .27	− .31	− .83	+ .52
1913	− .26	− .18	+1.21	− .56	+1.92	− .94	+2.96	− .89	− .09	+ .58	− .28	−1.06
1914	− .10	− .57	− .25	+ .28	− .05	+2.94	− .24	+ .87	+ .28	− .06	− .80	− .40
1915	+ .17	+1.00	−1.14	−1.68	−1.37	+ .26	− .43	+ .19	+1.84	−1.55	+1.55	− .53
1916	+1.27	− .44	+ .35	+ .39	+ .25	+2.01	−1.87	− .18	+1.31	+ .81	− .13	− .38
1917	+ .26	− .44	+ .47	+ .02	−1.16	+1.23	− .70	− .53	− .80	+ .82	−1.48	− .74
1918	+ .64	− .11	− .39	− .40	+3.08	−1.73	− .80	+ .23	−2.00	− .02	+ .41	+ .38
1919	− .68	+ .58	− .15	+ .82	− .74	+ .74	+ .80	− .59	+ .04	+1.41	+1.14	− .55
1920	+ .11	− .69	+1.57	− .13	−1.05	+2.35	−1.14	− .51	−1.81	− .25	+ .49	+ .65
1921	− .74	− .57	+ .59	+1.78	− .52	−1.74	+ .03	+ .45	+1.23	− .40	− .53	+ .75
1922	− .45	+1.89	+ .16	+ .97	− .06	− .18	+ .30	+ .35	−1.25	− .19	−1.44	+1.29
1923	+ .13	− .52	+ .58	− .37	−1.51	+ .66	+ .27	− .47	− .47	−1.78	−1.08	+ .09
1924	+ .44	− .13	+ .40	+1.41	− .20	+ .19	+ .07	+4.03	− .47	−1.86	− .11	− .23
1925	− .82	− .05	− .88	− .44	−2.36	+2.03	+ .77	− .96	+ .98	− .41	− .83	+ .19
1926	− .50	+ .45	− .10	− .85	+ .14	+ .02	+ .30	+1.09	+2.19	+ .52	+1.14	+ .25
1927	− .41	− .60	+ .36	− .10	+ .88	−1.25	+ .75	−2.09	+1.15	+ .49	+ .74	+ .62
1928	− .77	+ .34	− .25	− .12	−1.49	+ .20	+ .30	+2.65	+ .45	+1.53	+ .10	− .25
1929	+1.36	− .04	− .09	+1.40	− .18	− .17	− .12	−1.39	− .14	− .43	− .94	− .57
1930	− .09	+ .18	− .48	− .54	− .10	+1.23	− .95	−2.21	− .69	− .16	− .63	− .88
1931	− .56	− .61	− .01	−1.32	−1.72	+ .51	−1.42	− .52	+2.13	+ .58	+2.35	− .13
1932	+ .68	+ .11	− .62	−1.05	− .51	−1.10	− .55	+ .29	−2.33	− .46	+ .04	+ .47
1933	− .03	− .12	+ .30	+ .19	+1.44	−1.42	− .51	−1.68	− .39	− .01	− .99	− .07
1934	− .40	− .87	− .24	− .58	−2.11	− .02	− .66	− .50	+2.36	− .14	+3.33	− .01
1935	+ .64	− .30	− .42	− .11	−1.06	+1.08	+ .73	+ .86	−1.30	+ .04	+ .22	− .39
1936	− .06	+ .35	− .16	−1.26	− .88	−1.75	−2.50	+1.89	− .21	− .19	− .91	+ .54
1937	+1.00	+ .76	−1.10	+ .80	− .54	−1.22	−1.37	− .52	− .70	+ .63	− .27	− .46
1938	+ .78	+ .92	+ .85	+ .53	+1.48	+1.11	+ .90	+1.69	+3.58	−1.13	+ .57	− .04
1939	+ .63	+ .53	− .73	− .25	− .84	+1.37	− .45	.27	−1.05	− .59	−1.46	− .46
Average 1891–1939	1.25	1.22	1.74	2.54	3.58	4.04	3.51	3.26	3.69	2.45	1.82	1.30

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1891	+ 7.9	+ 1.0	− 4.3	+2.3	0	+0.3	−6.2	−1.7	+4.6	− 0.8	−4.5	+ 8.8
1892	− 3.5	+ 6.4	− 2.3	−2.4	−4.1	−1.1	+ .3	+ .2	+ .2	+ 1.3	−4.6	− 4.6
1893	− 9.6	− 4.2	− 3.6	−3.1	−3.3	+3.5	+ .9	− .9	−1.3	+ .3	−2.1	− 4.3
1894	+ 2.1	− .8	+ 6.7	+3.2	0	+4.2	+2.5	+1.2	+1.5	0	−5.0	+ 5.0
1895	− 4.9	− 5.4	− 2.2	+3.9	+2.3	+2.5	−2.4	+1.0	+4.3	− 6.3	−2.1	+ 4.5
1896	+ 3.5	+ 3.5	− 5.8	+2.4	+7.6	+1.7	− .4	+1.4	−4.5	− 4.1	−5.4	+ 8.0
1897	+ .3	+ 5.0	− 2.7	+ .3	−1.1	−1.9	+2.3	−2.7	+5.1	+ 4.5	−3.0	− 4.2
1898	+ 6.2	+ 3.8	+ 4.5	− .1	+ .4	+1.6	+ .5	− .3	+2.0	− 3.0	−1.2	− 5.1
1899	− 1.2	− 7.6	− 9.3	+3.6	+ .5	+1.0	+ .1	+2.9	−3.1	+ 3.9	+6.9	+ .6
1900	+ 6.7	− 5.6	− 4.7	+4.4	+3.7	− .4	−1.6	+6.8	+ .7	+ 8.2	−2.9	+ 4.9
1901	+ 2.7	− 4.9	− 1.3	+3.1	+ .6	+2.3	+5.1	+1.8	−1.0	+ 2.5	−1.4	− 2.9
1902	+ 3.5	+ .2	+ 6.6	+ .6	+2.6	−3.2	+ .4	−2.1	−3.4	+ 1.3	+6.2	− 3.0
1903	+ .9	+ .5	+ 7.1	+1.6	+1.4	−2.7	−1.1	−3.6	−1.7	0	−3.4	− 7.9
1904	− 7.0	− 9.6	− 1.4	−4.3	+ .7	−1.2	−3.1	−3.0	− .5	+ .5	+4.3	− 1.5
1905	− 6.6	− 5.9	+ 4.0	0	−1.8	− .8	−2.0	+1.0	+2.0	− 1.7	+1.2	+ 3.4
1906	+ 6.6	+ .3	− 5.3	+4.0	− .4	− .5	−1.5	+2.8	+3.9	− .7	+ .8	+ 2.0
1907	− 2.1	+ 2.5	+ 4.1	−7.2	−7.6	−1.4	+1.7	−1.9	−1.3	+ 2.4	−1.4	+ 3.5
1908	+ 5.4	+ 3.6	+ 1.9	+1.6	+ .7	−1.3	+ .2	− .6	+5.1	+ 1.3	+2.4	+ .2
1909	+ 2.7	+ 4.2	− 1.1	−5.7	−2.2	− .1	−1.5	+3.4	−2.4	− 3.2	+6.4	− 5.3
1910	0	− 2.9	−12.4	+4.2	−4.1	+1.9	+1.3	+ .6	−1.8	+ 3.2	−4.9	− 2.8
1911	+ .2	+ 6.6	+ 4.0	−1.0	+5.1	+4.5	− .5	−1.9	−1.4	− 2.4	−6.7	+ 5.7
1912	−17.6	− 4.5	− 7.8	+1.6	+ .5	−2.3	−1.4	−3.7	− .2	+ 1.0	+2.1	+ 4.2
1913	+ 1.1	− 4.5	− 4.2	+2.0	−1.8	+1.8	−1.9	+ .8	−1.1	− 1.7	+5.6	+ 9.1
1914	+ 7.7	− 7.8	− 1.3	−1.5	+2.5	−1.1	+1.4	− .5	− .5	+ 5.4	+1.4	− 6.2
1915	− 2.0	+ 8.6	+ 1.9	+8.6	−4.7	+5.3	−5.0	−5.4	+ .5	+ .6	+2.0	+ 1.0
1916	+ .8	− 3.6	− 4.5	− .8	−1.1	−5.4	+5.4	+2.2	−2.9	− 1.3	−1.1	− 6.4
1917	− 5.3	−10.2	− 1.6	−3.4	−4.9	−5.0	− .3	−3.1	−2.9	− 9.9	+3.0	− 8.6
1918	−11.1	− 1.0	+ 5.9	−3.1	+2.8	−1.2	−2.4	+1.9	−7.0	+ 1.6	+3.5	+ 7.7
1919	+ 7.1	+ 3.6	+ 1.7	− .3	−1.3	+4.3	+1.5	− .9	+1.3	− 1.7	−3.5	−10.4
1920	− 7.7	− 1.4	+ 1.0	−5.7	−1.1	+ .8	−3.5	−1.7	+2.3	+ 6.8	− .8	+ 3.9
1921	+ 7.6	+ 7.2	+ 4.8	+5.4	+2.9	+5.0	+5.8	+ .6	+3.0	+ .9	+ 4.1	+ .7
1922	− 1.9	− 1.1	+ 4.5	− .3	+5.6	+1.0	−3.1	+1.0	+1.9	+ 2.3	+5.7	+ 2.0
1923	+ 3.1	− 6.4	− 7.9	−2.6	− .4	+3.4	+1.1	−2.6	− .6	− 1.8	+4.0	+ 9.7
1924	− 8.4	+ 3.4	− 1.8	−1.6	−6.8	−4.0	−4.0	−2.0	−5.2	+ 5.5	+ .5	− 9.0
1925	+ .2	+ 4.5	+ 3.1	+5.4	−3.5	+ .6	−2.0	+1.1	+2.6	−10.0	−1.4	− 4.2
1926	+ 1.3	+ 4.5	− 6.6	−3.7	+1.6	−4.5	−1.4	− .4	−3.2	− 2.9	−5.0	− 4.3
1927	− 1.9	+ 6.9	+ 5.7	− .1	−3.2	−3.5	−3.1	−4.8	+1.9	+ 2.2	− .4	− 6.5
1928	+ 2.7	+ 3.5	+ .1	−5.6	+1.6	−4.9	− .9	+ .3	−4.3	+ 1.4	+2.7	+ 4.3
1929	−11.4	− 5.8	+ 3.4	+1.9	−3.2	−2.8	− .2	−1.0	−1.3	− .6	−3.8	− .3
1930	− 6.2	+ 8.4	+ .9	+1.8	+1.3	+1.3	+ .8	+2.4	+ .3	− 1.5	+3.5	+ 1.7
1931	+ 8.8	+12.1	+ 1.0	+2.4	−1.8	+4.0	+3.2	+ .1	+5.6	+ 4.7	+7.8	+ 9.8
1932	+ 8.1	+ 4.5	− 7.0	−1.3	+ .8	+2.5	+ .7	+1.7	−1.9	− 2.7	−3.4	− 1.9
1933	+10.0	− 2.2	− .9	−1.7	−1.0	+7.5	+1.9	− .6	+4.0	− 2.6	−2.7	− 2.0
1934	+ 8.2	− 1.6	− 2.8	− .9	−7.1	+4.1	+1.4	−1.8	−2.4	+ 2.6	+4.9	− 3.6
1935	− 2.6	+ 4.6	+ 2.7	−1.8	−4.2	−4.2	+4.3	+1.2	−1.2	− .5	−2.3	− 1.2
1936	− 6.0	−14.1	+ 1.4	−5.5	+5.1	−2.3	+5.0	+3.1	+2.5	− 3.0	+3.0	+ 3.1
1937	− 2.9	− .2	+ 3.3	−1.9	+1.5	− .7	+2.0	+5.9	+ .3	− 3.3	−2.0	− 2.5
1938	− .1	+ 6.6	+ 6.8	+1.8	− .2	− .6	− .1	+3.2	− .8	+ 4.8	+1.1	+ .5
1939	+ 6.8	− 2.6	− .7	−2.8	+4.3	+1.2	+1.4	+1.0	+2.1	0	+2.3	+ 8.3
Average 1891–1939	15.1	16.9	29.4	43.6	55.3	65.1	70.2	67.6	60.4	48.2	33.4	20.6

TABLE 43.—*Wyoming: Precipitation and temperature departures from normal*

PRECIPITATION DEPARTURES IN INCHES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1892	−0.08	−0.31	−0.02	+0.58	+0.02	−0.13	−0.65	−0.47	−0.91	−0.18	−0.14	+0.16
1893	− .41	− .02	− .47	− .11	− .45	− .79	− .62	− .13	− .50	− .13	+ .09	+ .16
1894	− .28	− .07	+ .78	− .23	−1.02	+ .08	− .06	− .42	+ .29	− .67	− .41	− .17
1895	+ .16	− .21	+ .81	+ .80	+ .48	+1.47	− .17	− .17	− .25	− .38	+ .60	− .29
1896	0	− .15	+ .78	+ .07	+ .03	+ .05	+ .70	− .18	+ .51	− .58	+ .36	− .64
1897	− .24	+ .04	+ .56	− .67	− .84	− .15	− .12	+ .27	− .75	+ .56	− .02	+ .17
1898	− .24	− .49	− .20	− .63	+1.71	+ .06	− .48	− .26	− .88	− .12	+ .08	− .10
1899	+ .56	+ .94	+ .69	− .73	− .19	− .12	− .18	− .26	− .57	+ .42	− .57	− .05
1900	− .50	+ .14	− .66	+2.68	−1.46	−1.14	− .25	− .69	− .09	− .52	− .32	− .29
1901	− .55	+ .02	− .29	− .19	+ .48	+ .10	− .59	− .13	− .60	− .33	− .41	+ .53
1902	− .54	− .31	− .12	− .38	− .67	− .27	− .45	− .86	+ .08	− .63	− .31	+ .22
1903	− .02	− .11	− .20	− .14	− .36	− .38	+ .08	− .10	+ .33	− .41	+ .24	− .11
1904	− .02	+ .71	+ .96	− .17	+ .48	− .08	− .10	+ .08	− .66	− .30	− .59	− .07
1905	+ .12	− .25	+ .03	+ .82	+1.09	+ .37	+ .35	− .12	+ .03	− .03	− .09	− .34
1906	+ .45	− .01	+1.13	− .10	+1.05	− .24	− .17	+ .89	+ .11	+ .17	+ .18	+ .31
1907	+ .46	+ .17	+ .53	− .43	+ .25	− .34	+ .08	− .10	− .08	+ .73	− .35	+ .23
1908	− .32	− .22	− .23	− .62	+2.47	+1.08	− .03	+ .79	− .37	+ .81	− .32	+ .13
1909	+ .54	+ .34	− .13	− .41	+ .06	+ .65	+ .06	+ .13	+ .54	− .66	+ .70	+ .49
1910	+ .32	+ .21	− .56	− .62	− .01	− .96	− .21	− .65	+ .24	+ .21	+ .17	− .07
1911	+1.13	+ .04	− .59	− .33	− .74	+ .20	− .48	− .34	− .12	+ .39	+ .70	+ .07
1912	+ .11	+ .40	+ .42	+ .28	− .19	− .31	+ .97	+ .89	+1.15	+ .79	− .17	+ .01
1913	+ .24	+ .09	+ .12	− .58	− .46	+ .55	+ .96	− .23	+1.30	+ .49	+ .17	+ .18
1914	+ .39	− .06	− .53	+ .82	− .60	− .14	− .18	− .34	− .26	+ .15	− .54	− .44
1915	+ .04	− .07	− .09	+ .11	+ .87	+1.40	+ .55	+ .51	+1.87	− .39	+ .18	+ .18
1916	+ .41	+ .20	− .01	− .65	− .25	− .47	− .25	+ .18	− .68	+ .55	− .02	+ .44
1917	− .05	+ .29	+ .11	+ .34	+1.32	− .74	− .78	− .25	− .18	− .34	− .30	+ .31
1918	+ .50	+ .10	− .10	+ .58	− .17	− .02	+ .79	− .16	+1.08	− .13	− .10	− .29
1919	− .63	− .17	− .63	− .17	−1.39	−1.09	− .21	− .66	+ .34	+1.22	+ .35	− .02
1920	− .26	+ .02	− .17	+ .99	+ .36	− .28	− .52	+ .21	− .26	+ .23	− .07	− .12
1921	+ .08	− .39	+ .44	− .20	+ .53	− .26	− .24	− .62	− .75	+ .21	+ .21	+ .50
1922	0	+ .07	− .70	+ .58	+ .11	− .25	+ .25	+ .42	− .84	− .24	+ .54	+ .17
1923	− .06	− .08	+ .02	+ .14	+ .03	+ .44	+1.12	+ .58	+2.30	+1.01	− .25	+ .01
1924	− .27	− .05	+ .44	− .62	− .40	− .97	− .45	− .65	+ .25	+1.05	+ .06	+ .25
1925	− .26	− .16	− .46	+ .20	− .25	+ .79	+ .29	+ .24	+ .24	+ .89	− .13	+ .18
1926	+ .02	− .18	− .53	− .51	+ .31	+ .01	+ .80	+ .45	+ .20	− .15	+ .34	− .23
1927	− .12	+ .04	+ .05	+ .79	+ .26	+ .81	+ .18	+ .89	+ .76	0	+ .47	− .02
1928	− .10	− .13	− .30	− .84	− .13	+1.39	+ .75	− .27	− .62	+ .30	+ .38	− .25
1929	− .05	+ .50	+ .59	+ .47	− .03	− .54	− .25	− .10	+ .95	− .08	+ .25	− .25
1930	+ .03	− .14	− .27	− .70	+ .25	− .53	− .13	+2.16	− .21	+ .83	− .16	− .48
1931	− .55	− .30	− .12	− .42	− .28	− .58	− .02	− .15	− .07	+ .23	− .01	− .21
1932	+ .11	− .19	+ .07	+ .46	− .30	+ .35	− .36	− .18	− .74	+ .16	− .17	+ .05
1933	− .09	− .15	− .21	+ .73	+ .47	−1.06	− .70	+ .70	− .24	− .92	− .29	− .13
1934	− .27	− .08	− .26	− .24	−1.55	+ .21	− .24	− .40	+ .01	− .32	− .06	0
1935	− .43	− .27	− .19	+ .37	+1.61	− .60	− .61	− .30	− .48	− .55	− .07	− .25
1936	+ .43	+ .76	+ .01	− .43	−1.55	+ .20	+ .21	+ .19	− .43	− .07	− .21	− .03
1937	− .17	+ .18	− .03	− .07	− .48	+ .79	+1.52	− .53	− .32	− .06	+ .25	+ .40
1938	0	− .27	+ .15	+ .04	+ .56	− .10	+ .36	− .01	+ .14	+ .09	+ .31	− .06
1939	− .01	+ .07	− .48	− .60	− .50	+ .08	− .53	− .30	− .21	− .28	− .69	− .33
Average 1892–1939	.79	.78	1.16	1.56	2.07	1.62	1.34	1.08	1.13	1.08	.70	.74

TEMPERATURE DEPARTURES IN DEGREES

Year	January	February	March	April	May	June	July	August	September	October	November	December
1892	− 0.3	+ 5.8	+ 4.1	− 1.8	− 1.6	− 0.1	+ 1.9	+ 1.7	+ 5.1	+ 2.2	+ 2.4	− 1.6
1893	+ 6.0	− 1.6	− 1.3	− 4.0	− .9	+ 1.7	+ 3.1	+ 1.5	+ 2.0	+ .7	− 1.6	+ 5.4
1894	− .8	− 6.2	− .3	+ 1.8	+ 4.6	+ 1.5	+ .5	+ 3.0	− 2.0	+ 2.2	+ 4.9	+ 2.1
1895	− .7	− 3.5	− 1.3	+ 5.0	+ .8	− 2.2	− 2.1	+ .7	+ 1.9	+ 1.1	− 2.1	+ .5
1896	+ 6.8	+ 6.7	− 2.6	− .7	+ .4	+ 3.4	+ 1.5	+ 1.4	+ 9.2	+ .6	− 7.7	+ 9.6
1897	− .7	+ 1.0	− 3.9	+ .9	+ 7.0	+ 1.7	− .5	+ 1.5	+ 6.1	+ 1.7	+ 1.7	− 2.5
1898	− 2.3	+ 6.6	− 4.0	+ 3.5	− 1.5	+ 1.4	+ 1.7	+ 4.0	+ .3	− 3.8	− 3.3	− 4.6
1899	+ 2.7	−10.7	− 4.8	+ 1.3	− 1.4	− .8	− 1.9	− .9	+ 2.5	− 3.0	+ 4.8	− .9
1900	+ 6.1	− 1.8	+ 4.9	+ 2.6	+ 5.0	+ 6.6	− .5	+ 1.3	+ .1	+ 2.7	+ 2.0	+ 6.9
1901	+ 4.7	− 1.5	+ .5	+ .3	+ 6.1	− 1.5	+ 6.0	+ 2.7	− 1.5	+ 3.6	+ 5.3	+ 1.5
1902	+ .7	+ 7.2	+ .5	+ .7	+ 3.0	+ 1.0	− 3.0	+ .5	− 1.1	+ 2.4	+ 1.0	+ 1.7
1903	+ 4.5	− 8.3	− .8	− .3	− 2.1	+ .3	− 1.2	+ 1.4	− 3.0	+ 2.1	+ .5	+ 2.5
1904	− .4	+ 3.7	+ .3	+ .9	− .9	− 2.3	− 3.0	− 1.0	+ .1	+ 2.0	− 5.0	+ 2.4
1905	+ 1.1	− 5.2	+ 5.6	− 1.0	− 3.6	− 2.2	− 4.0	0	+ .9	− 5.8	+ .9	− 2.7
1906	+ 1.7	+ 1.9	− 8.2	+ .3	− 1.1	− 4.7	− 3.5	− 1.9	+ .2	− .9	− 2.4	+ 6.4
1907	− 1.7	+ 6.2	+ 4.0	− 2.4	− 4.9	− 5.0	− 3.1	− 2.8	− 1.5	+ 2.9	+ .2	+ 1.4
1908	+ 1.3	+ 2.0	+ .7	+ 3.0	− 2.8	− 4.3	− 1.4	− 3.4	+ .7	− 3.1	− .2	+ .5
1909	+ 2.5	+ .6	− .5	− 5.4	− 4.5	+ .2	− 1.0	+ 1.5	− .2	+ .2	+ 2.1	−10.2
1910	− 1.9	− 4.8	+10.6	+ 5.6	− .6	+ .9	− .1	− 3.5	− .2	+ 1.7	+ 2.2	+ 2.0
1911	+ 2.3	− 3.9	+ 3.8	− 3.1	− 1.2	+ .7	− 4.5	− 4.3	− 1.3	− 4.6	− 6.6	− 5.0
1912	− .3	− .5	− 8.8	− 3.0	− 3.4	− 1.7	− 4.5	− 4.0	− 8.9	− 3.9	+ 1.8	− 1.7
1913	− 2.5	+ 2.0	− 4.5	+ 1.3	− .3	− .4	− 4.1	+ .2	− 2.0	− 5.2	+ 2.5	− 4.3
1914	+ 4.2	− 1.4	+ .8	− .2	+ .6	− 1.3	− .6	− 1.5	− .6	+ 1.5	+ 4.1	− 7.0
1915	− 1.5	+ 4.3	− 1.2	+ 5.9	− 3.9	− 6.4	− 6.0	− 2.7	− 3.5	+ 1.6	− .2	+ 1.3
1916	− 9.0	+ 2.7	+ 5.1	0	− 4.8	− 3.6	0	− 3.0	− 3.9	− 3.3	− 4.8	− 7.4
1917	− 5.5	− 1.8	− 9.1	− 5.4	− 5.7	− 3.8	+ 1.2	− 3.7	+ .4	− 3.3	+ 6.1	+ 4.2
1918	− 4.0	− .2	+ 5.8	− 5.2	− 1.5	+ 5.1	− 1.6	− 1.0	− .7	+ 3.2	− 3.3	+ 1.6
1919	+ 4.3	− .4	+ 2.5	+ 1.7	+ 2.6	+ 5.1	+ 4.0	+ 1.9	+ 3.0	− 8.9	− 6.2	− 4.8
1920	+ 3.8	+ 1.7	− 1.6	− 7.0	− .6	− 1.7	− .2	− 1.1	+ .1	− .4	− 3.5	+ .6
1921	+ 3.3	+ 4.2	+ 5.4	− 1.9	+ .4	+ 2.9	+ .4	− .1	− .7	+ 4.3	+ 6.6	+ 1.7
1922	− 7.7	− 6.2	− .6	− 3.8	− .7	+ 3.0	− 1.6	+ 3.4	+ 3.7	+ 2.0	− 8.2	− 1.2
1923	+ 5.5	− 4.8	− 4.7	− 1.6	+ .7	− .4	+ 2.6	+ 1.2	+ .1	− 4.8	+ 2.3	− 1.2
1924	− 4.9	+ 5.6	− 6.9	− .8	− 1.4	− .9	− .9	− .5	− .2	+ 2.0	+ .8	− 7.2
1925	+ .2	+ 7.8	+ 4.7	+ 4.2	+ 3.1	− .7	+ 4.2	− .7	+ .8	− 7.5	− .8	+ 3.5
1926	− .3	+ 6.2	+ .8	− 3.0	+ 2.8	+ 1.2	− .1	+ .3	− 4.0	+ 1.9	+ 2.4	− .9
1927	+ .4	+ 3.2	− .2	− .8	− 1.6	0	− .9	− 3.4	− .6	+ 2.7	+ 3.2	− 7.8
1928	+ 3.6	− .3	+ 2.9	− 2.2	+ 4.4	− 4.8	− 1.1	− 1.5	0	− .4	− 1.1	− 3.7
1929	− 7.3	− 9.3	− .2	+ 2.3	− 2.3	− .8	+ 1.9	+ 3.9	− 3.1	+ .9	− 7.2	+ 4.3
1930	−14.6	+ 8.5	− .7	+ 7.3	− .8	− 2.0	+ 2.2	+ 1.4	+ .1	− 2.2	− 1.1	− .6
1931	+ 3.6	+ 6.1	− 1.8	+ .6	− .6	+ 4.3	+ 2.9	+ 1.1	+ 2.6	+ 1.5	− 3.7	− 1.1
1932	− 6.4	+ 1.9	− 5.7	+ 1.0	+ 1.5	0	+ .8	+ 1.2	+ .3	− 3.7	− .3	− 9.1
1933	+ 2.0	− 7.6	+ 2.3	− 3.1	− 2.7	+ 5.6	+ 3.6	− 1.3	+ 2.3	+ 4.1	+ 3.7	+ 8.4
1934	+ 6.9	+ 7.7	+ 6.4	+ 4.5	+ 8.6	+ 1.1	+ 3.1	+ 1.7	− 3.4	+ 5.1	+ 3.9	+ 1.8
1935	+ 4.0	+ 5.2	+ .6	− 2.6	− 4.3	− .6	+ 3.0	+ 1.3	+ 1.6	− .4	− 4.5	+ .8
1936	− 1.5	− 9.9	− .5	+ 5.9	+ 4.3	+ 5.3	+ 2.2	+ .1	− .2	− .9	+ 2.1	
1937	−15.1	− 1.6	− 1.0	− .9	+ 2.8	− 1.0	+ 1.2	+ 3.5	+ 3.1	+ 2.7	0	+ 1.6
1938	+ 2.2	+ 2.6	+ 2.7	+ 1.0	− 1.1	+ 1.5	− .7	+ 1.1	+ 4.3	+ 4.0	− 5.9	+ 2.0
1939	+ 4.0	− 8.0	+ 2.4	+ 3.5	+ 4.3	− 2.2	+ 2.0	− .5	+ 2.1	+ 1.2	+ 3.4	+ 8.0
Average 1892–1939	20.0	22.0	29.8	40.2	49.5	58.7	65.7	* 63.9	54.7	43.6	31.6	22.0

TABLE 44.—*All wheat: Yield per acre (bushels)*

State	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902
Maine	13.0	12.0	11.0	15.0	14.0	12.5	16.0	11.0	15.5	15.0	14.0	14.5	14.5	15.2	14.0	16.5	16.0	17.5	17.0	17.0	16 5	18.0	18.5	19.4	15.0	18.5	18.0	17.5	21.0	19.0	22.0	16.5	18.5	17.5	19.5	20.5	22.0
New Hampshire	16.5	15.0	14.0	17.5	16.0	17.5	16.5	15.0	16.5	16.5	15.5	17.0	16.0	15.1	16.0	15.0	15.5	17.5	14.5	15.5	15.0	14.0	14.5	17.4	15.0	16.5	16.0	15.0	18.0	19.5	19.0	16.0	19.0	15.0			
Vermont	18.0	16.0	16.0	18.0	15.0	16.5	17.5	15.0	18.0	17.5	16.0	19.0	17.0	16.3	16.0	18.0	19.0	18.5	19.0	20.0	19.0	18.0	17.0	19.6	17.5	20.0	19.0	18.0	20.0	22.0	21.0	17.0	20.0	19.3	21.0	19.0	19.0
Massachusetts																																					
Rhode Island																																					
Connecticut	17.5	17.5	15.5	17.5	18.0	17.0	17.0	18.0	18.0	16.0	15.0	18.0	17.0	17.6	18.0	17.5	20.0	16.0	16.5	15.0	17.0	17.0															
New York	17.5	17.0	17.0	18.5	16.5	20.0	14.0	15.0	17.5	8.0	17.5	20.5	20.0	15.7	19.0	16.5	18.5	12.0	18.5	17.0	17.5	17.0	14.1	18.0	18.5	19.0	20.0	17.5	20.5	18.1	16.0	23.0	21.2	18.7	17.7	13.1	16.8
New Jersey	13.5	14.0	14.0	16.5	12.5	16.5	11.0	15.5	16.0	12.0	13.5	14.5	12.0	12.7	15.5	13.0	15.0	15.5	14.5	10.5	15.5	11.5	15.0	15.0	14.5	16.5	16.0	17.0	17.5	16.5	13.0	18.5	17.0	14.4	17.5	17.0	16.0
Pennsylvania	11.0	12.5	13.0	14.5	12.0	16.0	10.5	14.0	15.0	13.5	13.5	13.5	15.0	13.5	16.0	15.5	16.5	15.0	16.0	11.0	14.5	12.0	16.0	16.4	16.5	17.5	16.0	17.0	18.5	16.5	12.0	19.5	15.0	13.6	13.5	16.5	15.5
Ohio	6.0	17.5	15.0	16.0	13.0	15.0	12.0	14.0	16.0	9.5	12.5	16.0	18.5	78.0	19.0	15.0	18.0	10.0	15.5	10.0	17.0	14.5	10.5	15.7	14.5	18.5	16.0	18.0	19,5	13.0	9.5	18.0	17.0	15.7	6.0	16.5	19.0
Indiana	10.0	12.0	13.0	16.0	11.0	12.0	12.5	11.5	15.0	9.0	11.0	18.5	19.0	18.0	16.5	10.0	17.5	10.0	16.0	10.5	16.0	13.5	10.5	14.5	11.5	18.0	14.5	15.0	18.0	10.5	12.0	14.0	18.0	12.1	7.0	18.0	17.0
Illinois	10.5	11.5	11.5	11.0	10.0	12.0	10.5	12.5	12.5	10.5	12.0	14.5	15.5	15.9	14.5	10.0	17.0	10.0	13.5	8.5	15.0	15.2	13.5	16.7	11.0	18.0	16.5	12.0	18.0	11.0	15.0	10.5	12.0	10.8	13.0	17.6	18.0
Michigan	14.0	16.5	16.5	15.0	14.0	16.0	12.0	13.0	15.5	13.5	15.0	17.5	18.5	19.5	18.0	13.0	19.0	16.0	18.0	19.5	16.5	16.0	14.5	16.5	14.5	18.0	17.0	16.0	18.5	15.0	15.5	17.0	20.5	10.7	10.0	13.5	20.0
Wisconsin	13.5	11.5	12.5	14.5	13.5	13.0	13.5	15.0	10.5	13.5	8.0	14.0	9.0	13.0	11.0	11.5	14.5	13.5	15.5	12.0	12.5	11.5	13.0	16.0	14.0	15.5	13.5	14.5	17.0	16.0	13.5	17.5	18.5	16.5	15.5	17.0	19.0
Minnesota	14.5	14.5	17.0	17.0	15.0	12.5	17.0	17.0	16.0	17.0	9.5	17.0	12.5	11.4	13.5	11.5	14.0	14.5	16.0	13.5	16.0	12.5	10.5	15.5	13.0	18.0	12.0	10.5	13.5	19.0	13.5	13.0	17.0	14.5	11.0	14.0	15.0
Iowa	13.0	12.0	13.5	13.0	12.5	11.0	12.5	13.0	11.5	10.0	6.5	14.5	9.5	10.2	10.5	6.0	10.5	13.5	13.0	12.0	14.0	12.0	12.5	14.1	12.5	16.0	14.0	13.5	14.5	19.0	14.5	13.5	16.5	13.5	14.4	15.1	14.0
Missouri	15.0	12.5	14.0	14.3	13.0	13.5	8.5	13.0	14.0	9.0	13.0	14.0	14.5	12.0	12.5	9.5	15.0	10.5	13.5	8.0	14.0	16.0	12.0	15.5	12.5	16.0	14.0	12.0	15.0	12.0	12.5	10.0	12.0	11.2	15.5	16.0	19.5
North Dakota														20.5	19.5	18.0	20.5	20.0	19.0	19.0	14.5	18.0	12.5	9.7	10.0	20.5	12.5	10.5	12.5	21.0	12.5	10.5	15.0	13.5	4.5	12.5	15.5
South Dakota														6.0	6.0	7.0	16.0	17.0	15.5	13.0	11.5	14.0	10.0	7.3	8.0	15.0	12.0	8.5	6.5	12.0	11.0	8.0	12.5	10.5	6.5	10.0	12.5
Nebraska	14.0	10.5	12.0	14.0	11.5	8.0	12.0	15.5	11.5	9.5	11.0	16.0	13.0	9.4	8.5	7.0	13.0	17.5	16.5	13.5	11.0	10.0	10.0	13.2	12.0	15.0	13.5	8.5	7.0	12.0	14.0	14.5	16.5	9.8	13.7	17.2	19.4
Kansas	19.0	12.5	14.5	16.0	15.5	16.0	11.5	14.0	13.7	17.0	14.5	13.5	16.0	9.3	10.0	9.5	20.0	17.5	15.0	10.5	11.5	9.5	15.0	19.2	15.0	16.0	18.0	9.0	10.5	8.0	14.5	17.0	15.0	10.2	18.2	17.0	11.0
Delaware	11.0	12.0	12.0	13.5	10.0	13.0	9.0	12.0	14.0	13.0	14.5	14.5	14.5	13.4	15.5	10.0	16.0	12.5	13.0	13.5	16.0	13.0	16.5	15.9	14.0	17.0	17.0	18.5	17.0	16.0	15.0	21.5	12.0	15.8	18.0	18.0	16.5
Maryland	11.0	12.5	12.0	13.0	11.5	13.5	10.0	13.0	12.0	12.5	14.0	15.0	14.5	14.1	13.5	13.5	17.5	15.5	16.5	13.0	16.5	15.5	18.0	16.3	17.5	19.0	18.0	18.0	19.0	20.0	17.5	24.0	13.5	15.2	21.5	19.5	15.5
Virginia	8.5	10.0	10.0	10.5	9,6	9.5	9.5	9.0	9.5	8.5	10.0	10.0	9.0	8.7	9.2	8.0	9.3	9.5	8.8	5.5	9.6	9.4	10.4	10.7	9.0	10.9	10.2	12.8	11.0	10.8	9.3	14.0	15.2	9.6	12.5	12.2	7.6
West Virginia	8.0	10.5	10.5	11.5	11.0	10.0	10.5	10.0	12.0	7.5	12.0	11.5	11.5	10.2	11.5	10.5	11.5	10.5	11.0	6.0	11.0	9.5	9.5	10.4	8.0	11.0	11.5	12.0	12.0	10.5	10.0	13.5	13.0	9.7	9.5	11.0	8.0
North Carolina	6.0	7.0	6.0	7.5	7.0	4.5	7.0	5.0	6.5	7.0	6.0	7.0	5.0	5.3	4.5	5.0	6.5	5.0	6.5	4.0	4.5	7.0	5.5	6.4	4.5	7.0	8.0	8.5	5.0	8.0	7.0	8.5	8.5	5.8	8.5	8.0	5.0
South Carolina	5.0	6.5	5.5	6.5	6.0	4.0	6.0	5.0	6.5	6.0	6.5	7.0	4.5	5.6	4.0	5.0	7.5	6.0	6.0	5.5	5.0	6.5	5.0	5.7	4.0	6.0	8.0	7.0	5.5	6.5	6.5	8.5	8.5	5.8	7.5	7.5	5.0
Georgia	4.0	8.0	5.5	6.5	7.0	4.0	7.5	5.0	6.0	6.0	5.0	8.0	5.0	6.6	4.5	6.0	7.5	5.0	6.5	6.0	4.5	6.5	5.0	6.0	4.0	7.5	7.0	7.5	7.0	6.0	7.5	8.5	8.0	5.5	7.5	7.0	5.0
Florida																																					
Kentucky	6.5	8.0	8.5	11.0	10.5	6.1	12.0	9.0	10.5	9.0	10.0	12.5	9.0	9.8	8.5	8.0	13.0	7.7	11.5	4.0	12.5	11.0	10.5	11.9	10.0	13.0	13.0	12.5	12.5	11.0	8.5	14.0	14.5	10.0	14.0	12.1	9.0
Tennessee	5.5	8.5	6.5	8.5	8.0	4.0	8.5	6.0	9.0	8.0	7.0	7.5	4.0	6.1	5.0	6.0	8.5	5.5	8.0	3.0	8.5	9.0	9.5	9.5	7.0	10.0	9.5	9.5	8.5	9.0	8.5	12.0	11.5	8.4	10.0	10.5	7.0
Alabama	5.0	7.0	5.5	7.0	7.5	5.5	8.0	6.0	7.5	7.0	5.0	7.0	5.0	5.8	5.0	6.5	6.0	5.2	6.0	5.5	7.0	6.0	5.0	5.3	4.0	6.0	6.0	7.0	7.0	6.0	6.5	8.0	9.0	5.1	9.5	8.5	4.5
Mississippi	5.0	9.5	9.0	7.5	6.5	7.0	7.0	6.5	6.0	8.0	5.0	8.0	4.5	5.0	4.5	5.5	8.0	5.0	5.0	5.0	4.0	5.5	6.5	6.6	4.0	6.5	7.0	8.5	8.0	7.5	7.5	10.0	9.0	5.8	11.0	9.5	8.0
Arkansas	6.5	9.0	10.0	8.0	7.5	6.0	10.5	9.0	10.5	11.0	5.0	9.5	4.0	6.2	6.5	5.5	9.0	6.0	8.0	5.0	6.5	9.0	9.0	6.8	6.0	8.5	7.5	8.0	8.5	8.0	7.0	9.0	9.5	6.5	8.5	8.0	9.0
Louisiana																																					
Oklahoma																													15.0	8.0	9.0	18.0	14.5	13.3	16.0	14.0	12.0
Texas	10.0	7.0	6.0	9.5	10.0	11.5	15.5	13.0	9.5	15.0	9.0	9.5	12.0	6.9	8.0	13.0	12.0	11.0	11.5	12.5	10.5	10.0	12.0	12.2	7.0	14.5	13.0	12.5	13.0	8.0	11.5	16.0	13.0	11.9	18.4	8.0	8.0
Montana								20.0	15.0	18.5	18.0	24.0	23.0	26.6	23.5	27.0	25.0	22.5	27.0	26.5	22.5	29.5	28.0	24.5	20.0	33.0	26.0	24.0	31.0	24.0	21.5	27.0	24.0	20.6	21.5	22.5	22.0
Idaho														24.5	21.5	24.5	21.5	21.0	24.5	24.0	21.0	21.5	20.5	18.5	19.5	23.0	25.5	19.0	24.0	16.0	21.5	22.0	25.5	20.1	21.0	22.6	24.3
Wyoming																									18.0	20.0	17.5	15.5	19.5	18.5	17.0	17.5	18.0	18.0	13.0	20.0	20.0
Colorado				25.0	25.5	22.5	23.5	23.0	24.0	24.5	23.0	23.0	21.0	22.0	17.5	20.0	19.0	21.0	21.5	20.0	20.0	21.0	17.5	22.4	18.5	23.0	19.0	14.0	18.0	23.5	13.5	24.0	22.0	18.9	18.0	21.0	12.5
New Mexico														13.8	16.0	18.0	13.0	16.0	16.5	16.0	14.5	18.0	18.0	15.7	15.5	17.0	16.5	17.0	18.0	21.0	17.0	21.5	22.0	15.9	21.0	21.5	17.0
Arizona																	17.0	17.0	16.5	17.0	16.5	16.5	18.0	16.1	12.0	18.5	15.5	15.0	14.0	20.5	17.5	18.0	20.0	16.1	14.5	21.5	18.5
Utah														16.1	18.0	19.0	17.0	23.5	22.0	22.5	16.0	20.5	20.0	17.9	19.5	21.0	19.0	15.5	22.0	21.5	23.5	18.0	28.0	18.0	21.0	20.5	23.5
Nevada														19.0	25.0	22.5	28.0	24.0	30.0	25.5	20.0	25.5	22.5	22.4	23.0	30.0	24.0	26.5	32.5	30.0	31.5	26.0	25.0	24.3	22.0	26.0	24.0
Washington														23.6	20.0	19.0	18.0	19.0	15.0	20.0	18.0	19.5	18.5	17.0	21.0	20.0	17.0	20.5	16.5	15.5	15.0	20.0	20.5	19.5	19.8	24.6	19.9
Oregon				19.5	20.0	19.5	19.0	20.0	20.0	19.0	17.5	21.0	18.5	16.8	20.0	19.5	20.0	17.0	19.0	18.0	15.0	18.0	17.0	16.8	17.0	19.0	18.0	19.0	19.5	20.0	19.0	19.0	18.0	16.6	13.7	21.3	20.7
California	18.0	16.0	18.0	17.0	16.0	12.5	13.5	16.0	14.0	12.0	14.0	9.5	16.0	15.8	17.5	15.5	14.5	14.0	16.5	11.5	16.0	13.0	14.0	14.4	13.5	15.0	14.5	13.5	11.0	13.5	15.5	13.0	9.0	13.6	12.5	16.5	14.0
United States	11.0	12.6	12.9	13.7	12.1	12.2	11.8	12.9	13.0	11.1	10.9	14.1	13.5	13.0	13.2	11.0	15.1	12.3	14.8	11.4	14.1	13.3	12.1	14.0	12.2	16.5	14.2	12.4	13.5	13.9	12.8	14.0	15.2	12.5	12.2	15.0	14.9

TABLE 44.—*All wheat: Yield per acre (bushels)*—Continued

State	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine	22.0	21.0	22.5	24.0	25.0	23.5	24.3	24.5	21.0	20.0	24.0	24.0	25.0	25.5	16.0	21.0	18.0	19.0	21.0	22.0	20.0	23.0	25.0	22.0	18.0	19.0	23.0	21.0	22.0	22.0	24.0	21.5	17.0	17.0	19.0	17.0	21.0
New Hampshire																																					
Vermont	20.0	22.0	18.0	17.0	18.0	18.0	19.8	21.0	18.0	19.0	19.0	21.0	22.0	18.0	20.0	22.0	16 0	19.0	14.0	21.0	21.0	21.0	17.0	20.0	20.0	16.0	18.0	20.0	21.0								
Massachusetts																																					
Rhode Island																																					
Connecticut																																					
New York	19.0	11.3	22.0	18.0	17.3	17.5	23.0	23.7	19.5	16.0	20.0	22.5	23.0	21.0	19.8	17.0	19.8	20.7	18.7	19.4	20.3	18.0	18.5	16.1	20.9	15.6	16.0	18.0	25.1	20.3	19.4	17.9	22.8	20.4	23.9	24.9	23.4
New Jersey	14.5	13.0	16.5	18.0	18.0	17.0	17.8	18.5	17.5	18.5	17.5	18.0	19.0	20.0	18.0	15.5	16.5	16.0	19.0	20.0	20.0	19.0	21.0	21.0	22.0	20.0	20.5	22.0	25.0	21.0	22.0	21.5	23.0	21.0	22.5	22.0	22.5
Pennsylvania	15.5	13.5	17.0	17.5	18.0	17.5	17.6	17.5	13.5	17.5	16.5	18.0	17.0	18.0	17.0	16.0	16.5	16.0	17.0	18.0	18.0	16.0	19.5	19.5	17.5	14.5	17.7	22.0	22.0	15.0	18.0	16.4	21.0	19.0	22.0	21.0	21.0
Ohio	16.0	13.0	18.5	20.5	17.0	17.0	16.8	16.0	15.5	7.5	18.0	18.5	19.5	13.5	20.0	18.5	19.9	13.0	12.5	15.0	19.0	18.5	15.0	22.5	18.0	11.7	19.5	17.5	28.9	20.0	18.0	18.3	22.0	18.5	19.0	19.5	19.5
Indiana	11.5	11.0	18.5	20.5	15.0	17.0	16.3	17.0	15.5	8.0	18.5	18.0	18.5	12.5	17.5	22.0	16.1	12.0	12.0	14.5	17.0	16.5	14.5	20.5	15.5	10.5	16.5	18.0	25.9	16.5	15.0	17.3	15.5	17.5	16.0	16.0	18.0
Illinois	10.0	15.5	17.0	19.5	18.0	16.0	17.3	15.0	17.0	8.3	18.7	19.0	18.5	11.0	16.9	20.0	17.2	15.4	16.2	17.4	18.0	16.1	16.1	19.0	13.9	15.9	14.7	18.2	23.3	15.6	16.4	17.6	14.5	17.5	17.5	18.5	20.9
Michigan	18.0	12.5	21.0	15.5	17.0	20.5	20.0	19.0	18.0	10.5	16.0	20.0	20.5	17.0	18.0	14.2	19.3	15.3	15.9	15.0	17.5	23.8	17.0	18.5	21.5	16.5	17.4	22.9	25.8	23.8	16.4	14.2	21.9	20.3	18.5	21.4	20.9
Wisconsin	17.0	17.0	18.5	18.5	16.5	18.5	18.9	18.5	16.0	18.0	18.7	18.5	20.8	16.9	20.4	22.3	13.9	15.4	13.7	15.7	16.7	24.0	18.4	18.5	20.1	18.6	19.4	20.8	17.4	19.2	15.5	14.2	16.2	13.9	15.6	16.7	15.0
Minnesota	14.0	12.8	14.5	12.0	14.0	14.0	17.4	16.0	10.5	17.0	16.5	10.6	17.0	7.6	16.1	20.0	9.5	9.9	9.9	13.0	12.8	21.9	13.4	12.6	11.7	14.0	14.9	17.1	14.7	14.3	10.2	10.7	10.5	9.9	16.6	14.9	13.9
Iowa	13.8	12.0	16.3	17.6	15.0	16.9	16.3	19.3	16.1	21.0	20.4	18.9	19.9	15.1	17.7	19.0	14.3	17.4	17.9	22.5	18.6	21.9	16.3	21.2	18.1	18.8	18.8	20.5	20.5	15.9	17.1	12.2	15.8	20.7	17.9	15.9	16.6
Missouri	10.5	12.5	14.0	15.0	15.0	11.5	14.8	13.2	14.8	12.5	17.0	16.5	12.5	8.5	15.0	17.2	14.3	13.0	10.8	12.5	13.3	13.3	13.5	16.0	10.1	13.0	9.9	14.5	20.0	11.5	12.5	15.1	12.5	15.0	13.3	13.0	16.5
North Dakota	14.0	13.0	16.0	15.0	11.0	13.0	14.3	6.5	8.5	16.0	10.5	11.0	17.0	6.0	7.5	11.5	6.7	8.8	8.2	13.8	8.2	15.3	12.3	8.6	12.9	14.4	9.6	10.8	6.5	10.4	7.1	6.1	7.0	5.2	8.1	9.0	10.7
South Dakota	14.0	8.5	13.5	13.5	11.5	13.0	14.6	13.0	4.5	14.0	8.5	8.5	16.0	6.8	13.9	17.8	8.1	9.2	9.1	13.7	9.5	14.7	11.8	6.0	14.9	10.4	9.7	11.6	6.0	13.5	4.3	4.6	8.1	5.1	5.6	9.1	8.7
Nebraska	16.5	14.8	19.5	21.8	17.4	17.1	17.9	15.8	12.3	15.8	17.6	17.6	18.3	18.5	12.5	11.3	13.2	16.8	15.1	13.8	9.9	18.4	12.1	13.1	19.3	18.0	15.0	18.8	16.6	12.3	12.0	7.8	12.6	14.2	13.1	11.9	11.4
Kansas	15.8	12.5	14.0	14.5	11.0	12.5	13.0	12.4	10.7	14.5	12.0	20.0	12.5	12.0	11.5	13.5	13.2	15.6	12.7	12.8	10.1	16.0	9.2	14.8	11.2	16.3	12.4	14.2	18.5	11.6	9.1	9.8	9.3	11.5	12.0	10.5	11.5
Delaware	11.0	15.0	16.0	17.5	20.5	16.0	14.8	17.0	16.5	17.5	14.5	20.5	15.0	15.5	14.5	11.0	12.0	17.0	11.5	16.2	18.0	17.8	18.5	20.0	20.0	18.0	19.0	19.5	21.5	12.0	14.0	18.1	19.0	16.5	16.0	20.0	18.0
Maryland	14.0	15.0	18.0	17.5	21.0	16.5	16.0	20.0	19.0	17.0	15.0	22.5	17.5	18.0	18.5	17.0	14.5	17.0	15.5	17.0	19.5	15.8	20.0	22.0	17.5	17.0	18.0	22.0	23.0	13.5	16.0	18.7	20.5	20.0	19.0	20.0	19.5
Virginia	10.0	11.3	12.1	12.5	12.1	12.2	11.7	12.8	12.0	11.6	13.6	14.5	13.2	12.7	13.5	12.0	11.8	13.0	10.5	13.0	14.0	13.4	14.2	16.5	13.0	14.5	13.1	15.5	22.0	10.8	13.5	13.1	13.0	12.5	15.0	14.0	14.5
West Virginia	10.5	11.5	12.0	12.0	11.5	12.0	12.3	11.5	10.5	13.0	11.5	13.0	13.5	12.5	11.0	12.0	13.0	12.5	12.0	11.5	12.5	12.5	13.5	16.0	13.0	13.5	13.1	17.5	19.0	11.5	14.5	12.8	16.0	13.5	16.0	15.0	14.5
North Carolina	5.0	8.0	6.0	7.5	8.0	8.0	7.6	9.5	9.0	7.5	10.0	10.5	9.5	9.0	9.0	7.0	8.0	10.5	7.0	8.0	10.0	11.0	10.5	11.5	9.5	10.5	10.3	10.8	13.0	9.5	9.5	9.9	11.3	9.8	11.8	11.5	12.0
South Carolina	5.5	7.5	5.0	8.0	6.5	7.0	7.2	8.5	9.0	6.5	9.5	8.5	8.0	8.0	8.0	8.5	7.5	11.0	9.0	6.0	8.5	10.5	8.5	14.0	8.5	10.5	10.0	10.0	13.0	9.5	8.0	9.0	10.0	8.0	9.5	11.0	11.5
Georgia	5.0	7.5	5.5	8.0	6.5	8.0	8.1	8.0	9.5	7.0	9.5	9.0	8.0	8.5	6.0	7.5	8.0	8.1	9.0	6.5	7.5	8.1	8.0	11.0	7.5	8.0	8.5	10.0	11.5	9.0	8.0	8.5	8.0	8.0	8.5	10.0	10.0
Florida																																					
Kentucky	9.0	12.0	11.5	14.0	12.5	12.0	12.8	13.0	13.0	10.0	14.0	16.5	11.0	9.0	12.0	14.0	12.5	10.5	10.0	11.5	12.4	10.5	14.5	19.0	10.0	9.5	12.4	14.0	22.0	10.5	12.0	13.0	10.0	14.0	18.5	15.0	11.5
Tennessee	7.5	11.5	7.5	12.0	9.5	10.5	10.5	11.0	11.5	10.5	12.0	15.0	10.0	9.5	9.5	10.5	9.3	9.5	10.0	9.2	10.0	10.1	12.1	17.0	7.0	9.3	8.9	11.0	17.0	9.5	10.2	10.2	9.5	10.7	12.5	11.0	11.5
Alabama	7.5	8.5	7.0	8.5	7.5	9.0	8.3	8.5	10.0	10.5	9.0	10.5	9.5	7.0	7.5	7.5	7.0	9.6	10.5	10.0	10.0	10.5	11.0	11.5	10.5	11.0	10.0	10.0	12.5	10.0	8.0	8.0	10.0	9.0	11.0	13.0	12.0
Mississippi	8.0	10.0	11.0	10.0	11.0	14.5	11.9	14.0	11.0	10.0	14.0	13.0	16.0	12.0	13.0	12.5	9.0	10.8	11.2	12.5	13.0	11.5	12.4	12.2	11.8	13.0											
Arkansas	6.0	10.0	7.0	9.0	7.5	8.5	8.7	10.5	7.5	7.0	10.0	10.0	9.0	6.5	12.5	10.0	8.5	8.5	8.5	9.0	13.0	10.2	10.5	10.5	9.5	9.5	9.3	10.0	12.0	8.0	8.0	8.0	8.0	8.5	10.5	8.5	9.5
Louisiana																																					
Oklahoma	14.0	11.5	9.0	13.6	9.5	11.5	12.0	15.0	8.0	12.5	8.5	17.5	12.5	9.5	11.0	11.5	14.0	15.0	13.0	8.5	11.0	15.5	8.3	17.0	9.2	14.0	11.2	9.5	17.0	12.0	10.2	10.5	10.0	8.0	14.2	11.0	14.0
Texas	13.5	10.7	9.5	12.0	7.5	11.0	7.9	14.0	9.0	14.0	14.5	13.5	14.5	10.5	10.5	7.5	15.5	13.0	10.5	8.0	10.5	16.0	6.5	18.2	9.7	10.8	18.8	11.1	15.5	8.5	7.1	8.5	7.0	7.7	10.6	9.0	10.0
Montana	24.0	20.0	20.5	20.5	24.0	19.0	24.2	21.1	25.0	24.1	23.0	19.3	25.5	19.1	10.5	12.6	5.0	12.4	12.2	15.6	15.0	16.1	10.8	12.5	20.3	18.0	9.3	8.4	6.6	13.8	7.6	11.1	10.6	6.1	8.4	16.2	15.4
Idaho	22.3	24.0	26.7	23.6	24.0	25.3	25.7	21.5	27.2	25.0	24.7	23.8	25.2	20.9	18.4	19.4	16.0	19.9	22.2	18.4	25.0	16.5	24.6	21.1	24.1	23.9	22.3	24.4	18.6	24.6	17.5	22.5	22.2	20.5	24.6	27.9	25.3
Wyoming	17.5	17.5	21.0	17.5	18.5	17.0	17.8	13.5	14.6	17.6	17.3	14.6	18.8	12.9	14.3	18.8	8.0	16.5	13.5	12.6	11.8	12.4	13.4	15.0	15.9	14.8	12.9	11.7	9.4	11.2	9.3	9.9	10.8	9.8	11.5	12.8	10.2
Colorado	20.0	18.0	21.0	25.0	21.0	17.0	22.5	15.5	13.0	22.3	18.0	21.5	22.6	17.7	20.4	17.2	13.8	15.6	14.5	12.0	11.8	13.0	11.5	12.4	13.4	14.0	11.7	13.9	12.0	10.6	10.9	8.8	11.8	12.5	13.3	14.5	11.4
New Mexico	19.0	12.5	22.0	21.5	20.0	16.0	15.5	12.3	14.0	17.5	13.3	17.8	15.6	12.5	12.0	11.8	18.1	14.7	15.6	7.2	8.3	11.4	8.8	18.1	10.2	10.2	14.2	8.6	19.7	7.2	6.1	6.5	7.8	7.0	11.7	10.3	10.1
Arizona	18.5	18.5	15.5	18.0	19.0	20.0	18.1	16.0	17.5	19.5	19.5	18.5	20.0	20.5	18.0	18.5	23.0	22.0	19.5	18.0	19.0	15.3	21.5	18.5	18.0	20.5	23.0	24.5	23.0	21.0	21.5	21.5	22.5	23.0	22.0	22.0	23.0
Utah	20.5	26.0	23.0	25.0	22.0	22.0	22.1	19.3	22.5	21.9	19.9	23.5	22.3	18.9	21.5	21.0	15.4	20.0	22.0	17.3	22.2	16.4	24.4	22.7	22.3	23.4	20.0	24.8	16.5	20.4	16.3	17.4	22.7	17.8	19.6	22.9	17.7
Nevada	30.0	32.0	28.0	30.0	31.0	28.5	26.5	28.0	29.4	29.1	29.6	29.5	27.4	29.0	30.1	28.2	21.2	27.9	20.0	29.2	25.4	22.9	26.7	22.9	24.0	26.8	25.9	25.4	22.8	25.8	24.0	25.5	25.8	21.2	25.5	23.7	25.6
Washington	16.6	19.4	20.5	18.5	23.2	14.6	19.3	15.0	19.9	20.1	19.7	21.4	23.5	20.4	14.1	12.5	16.8	17.2	23.2	13.6	25.3	14.1	17.5	19.1	24.6	21.4	18.6	16.1	18.0	18.6	20.2	19.2	22.5	21.5	21.9	24.8	23.1
Oregon	18.3	18.0	18.2	19.1	22.3	17.7	16.3	19.5	21.0	22.8	20.6	20.7	22.0	20.8	15.8	15.2	18.3	20.8	22.4	17.6	24.4	16.8	19.6	18.1	25.0	22.7	20.0	23.0	18.7	20.2	19.5	15.1	17.7	20.3	20.6	22.0	21.7
California	12.0	11.0	9.0	16.5	13.0	11.0	13.0	17.0	15.5	15.0	12.0	17.0	16.0	14.0	17.0	14.0	15.5	14.0	15.0	21.2	21.4	14.5	18.5	18.0	16.5	20.5	17.4	19.0	14.6	18.7	18.5	16.0	19.0	19.5	21.5	17.0	18.0
United States	13.7	12.9	15.2	16.0	14.2	14.3	15.5	13.7	12.4	15.1	14.4	16.1	16.7	11.9	13.2	14.8	12.9	13.5	12.7	13.8	13.3	16.0	12.8	14.7	14.7	15.4	13.0	14.2	16.3	13.1	11.2	12.1	12.2	12.8	13.6	13.3	14.1

TABLE 45.—*Winter wheat: Yield per acre (bushels)*

State	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine																															
New Hampshire																															
Vermont																															
Massachusetts																															
Rhode Island																															
Connecticut																															
New York	23.0	23.7	19.5	16.0	20.0	22.5	23.0	21.0	20.0	17.0	21.0	21.0	19.0	19.5	20.4	18.0	18.5	16.0	21.0	15.5	16.0	18.0	25.5	20.5	19.5	18.0	23.0	20.5	24.0	25.0	23.5
New Jersey	17.8	18.5	17.5	18.5	17.5	18.0	19.0	20.0	18.0	15.5	16.5	16.0	19.0	20.0	20.0	19.0	21.0	21.0	22.0	20.0	20.5	22.0	25.0	21.0	22.0	21.5	23.0	21.0	22.5	22.0	22.5
Pennsylvania	17.6	17.5	13.5	17.5	16.5	18.0	17.0	18.0	17.0	16.0	16.5	16.0	17.0	18.0	18.0	16.0	19.5	19.5	17.5	14.5	17.7	22.0	22.0	15.0	18.0	16.4	21.0	19.0	22.0	21.0	21.0
Ohio	16.8	16.0	15.5	7.5	18.0	18.5	19.5	13.5	20.0	18.5	20.0	13.0	12.5	15.0	19.0	18.5	15.0	22.5	18.0	11.5	19.5	17.5	29.0	20.0	18.0	18.3	22.0	18.5	19.0	19.5	19.5
Indiana	16.3	17.0	15.5	8.0	18.5	18.0	18.5	12.5	17.5	22.0	16.2	12.0	12.0	14.5	17.0	16.5	14.5	20.5	15.5	10.5	16.5	18.0	25.0	16.5	15.0	17.3	15.5	17.5	16.0	16.0	18.0
Illinois	17.3	15.0	17.0	8.3	18.7	19.0	18.5	11.0	16.8	19.5	17.5	15.1	16.2	17.5	18.0	16.0	16.0	19.0	13.5	15.5	14.5	18.0	23.5	15.5	16.5	17.7	14.5	17.5	17.5	18.5	21.0
Michigan	20.0	19.0	18.0	10.5	16.0	20.0	20.5	17.0	18.0	14.0	20.3	15.6	16.0	15.0	17.5	23.8	17.0	18.5	21.5	16.5	17.4	23.0	26.0	24.0	16.5	14.2	22.0	20.5	18.5	21.5	21.0
Wisconsin	20.0	20.0	17.5	18.0	19.0	19.5	20.5	17.5	19.5	15.0	18.5	20.0	14.5	15.5	16.5	25.6	16.5	18.0	22.0	16.0	21.5	20.5	18.5	19.5	14.5	11.5	20.0	16.5	18.0	16.5	15.0
Minnesota					16.0	19.5	19.5	14.0	18.0	18.0	15.0	19.6	14.0	19.0	16.0	23.0	16.5	17.5	21.4	16.0	21.8	20.0	21.0	21.0	15.0	10.7	22.5	18.5	20.5	13.5	17.5
Iowa	18.2	19.0	19.5	23.0	23.0	21.5	21.5	16.5	14.5	20.5	17.0	19.7	19.2	23.2	18.9	22.3	16.4	22.0	18.5	19.0	19.0	21.0	21.0	16.5	18.0	12.6	16.5	21.0	18.0	16.0	17.0
Missouri	14.8	13.2	14.8	12.5	17.0	16.5	12.5	8.5	15.0	17.2	14.3	13.0	10.8	12.5	13.3	13.3	13.5	16.0	10.0	13.0	9.9	14.5	20.0	11.5	12.5	15.1	12.5	15.0	13.3	13.0	16.5
North Dakota																															
South Dakota					7.0	10.0	16.0	15.0	11.5	14.0	10.0	15.0	13.5	18.0	12.0	16.0	11.8	8.0	17.5	12.0	14.2	17.0	7.0	19.0	6.0	4.5	14.5	7.8	13.0	11.5	9.5
Nebraska	18.4	16.0	12.5	16.0	18.0	18.0	18.5	19.0	10.0	11.1	14.0	17.4	15.3	14.0	10.0	18.9	12.0	13.0	19.5	18.0	15.0	19.0	17.0	12.5	12.8	8.0	13.7	15.5	14.0	12.0	11.5
Kansas	13.0	12.5	10.8	14.5	12.0	20.0	12.5	12.0	11.5	13.5	13.2	15.6	12.7	12.8	10.1	16.0	9.2	14.8	11.2	16.3	12.4	14.2	18.5	11.6	9.1	9.8	9.3	11.5	12.0	10.5	11.5
Delaware	14.8	17.0	16.5	17.5	14.5	20.5	15.0	15.5	14.5	11.0	12.0	17.0	11.5	16.2	18.0	17.8	18.5	20.0	20.0	18.0	19.0	19.5	21.5	12.0	14.0	18.1	19.0	16.5	16.0	20.0	18.0
Maryland	16.0	20.0	19.0	17.0	15.0	22.5	17.5	18.0	18.5	17.0	14.5	17.0	15.5	17.0	19.5	15.8	20.0	22.0	17.5	17.0	18.0	22.0	23.0	13.5	16.0	18.7	20.5	20.0	19.0	20.0	19.5
Virginia	11.7	12.8	12.0	11.6	13.6	14.5	13.2	12.7	13.5	12.0	11.8	13.0	10.5	13.0	14.0	13.4	14.2	16.5	13.0	14.5	13.1	15.5	22.0	10.8	13.5	13.1	13.0	12.5	15.0	14.0	14.5
West Virginia	12.3	11.5	10.5	13.0	11.5	13.0	13.5	12.5	11.0	12.0	13.0	12.5	12.0	11.5	12.5	12.5	13.5	16.0	13.0	13.5	13.1	17.5	19.0	11.5	14.5	12.8	16.0	13.5	16.0	15.0	14.5
North Carolina	7.6	9.5	9.0	7.5	10.0	10.5	9.5	9.0	9.0	7.0	8.0	10.5	7.0	8.0	10.0	11.0	10.5	11.5	9.5	10.5	10.3	10.8	13.0	9.5	9.5	9.9	11.3	9.8	11.8	11.5	12.0
South Carolina	7.2	8.5	9.0	6.5	9.5	8.5	8.0	8.0	8.0	8.5	7.5	11.0	9.0	6.0	8.5	10.5	8.5	14.0	8.5	10.5	10.0	10.0	13.0	9.5	8.0	9.0	10.0	8.0	9.5	11.0	11.5
Georgia	8.1	8.0	9.5	7.0	9.5	9.0	8.0	8.5	6.0	7.5	8.0	8.1	9.0	6.5	7.5	8.1	8.0	11.0	7.5	8.0	8.5	10.0	11.5	9.0	8.0	8.5	8.0	8.0	8.5	10.0	10.0
Florida																															
Kentucky	12.8	13.0	13.0	10.0	14.0	16.5	11.0	9.0	12.0	14.0	12.5	10.5	10.0	11.5	12.4	10.5	14.5	19.0	10.0	9.5	12.4	14.0	22.0	10.5	12.0	13.0	10.0	14.0	18.5	15.0	11.5
Tennessee	10.5	11.0	11.5	10.5	12.0	15.0	10.0	9.5	9.5	10.5	9.3	9.5	10.0	9.2	10.0	10.1	12.1	17.0	7.0	9.3	8.9	11.0	17.0	9.5	10.2	10.2	9.5	10.7	12.5	11.0	11.5
Alabama	8.3	8.5	10.0	10.5	9.0	10.5	9.5	7.0	7.5	7.5	7.0	9.6	10.5	10.0	10.0	10.5	11.0	11.5	10.5	11.0	10.0	10.0	12.5	10.0	8.0	8.0	10.0	9.0	11.0	13.0	12.0
Mississippi	11.9	14.0	11.0	10.0	14.0	13.0	16.0	12.0	13.0	12.5	9.0	10.8	11.2	12.5	13.0	11.5	12.4	12.2	11.8	13.0											
Arkansas	8.7	10.5	7.5	7.0	10.0	10.0	9.0	6.5	12.5	10.0	8.5	8.5	8.5	9.0	13.0	10.2	10.5	10.5	9.5	9.5	9.3	10.0	12.0	8.0	8.0	8.0	8.0	8.5	10.5	8.5	9.5
Louisiana																															
Oklahoma	12.0	15.0	8.0	12.5	8.5	17.5	12.5	9.5	11.0	11.5	14.0	15.0	13.0	8.5	11.0	15.5	8.3	17.0	9.2	14.0	11.2	9.5	17.0	12.0	10.2	10.5	10.0	8.0	14.2	11.0	14.0
Texas	7.9	14.0	9.0	14.0	14.5	12.0	14.5	10.0	10.5	7.5	15.5	13.0	10.0	8.0	10.5	16.0	6.5	18.2	9.7	10.8	14.8	11.1	15.5	8.5	7.1	8.5	7.0	7.7	10.6	9.0	10.0
Montana	25.2	25.0	29.0	25.0	25.5	23.0	26.5	21.5	13.0	13.0	5.2	14.0	13.5	16.5	18.0	16.3	14.5	14.0	21.0	15.0	14.5	9.3	9.5	20.5	10.0	14.0	15.5	8.5	11.0	23.5	20.0
Idaho	26.2	22.0	28.0	25.5	24.0	24.0	25.0	19.0	17.0	20.0	14.5	18.5	20.5	15.5	24.5	15.0	22.5	19.5	21.0	21.0	20.0	22.0	17.5	22.0	15.0	20.4	19.5	18.0	22.0	27.5	24.0
Wyoming	17.8	11.0	12.0	15.0	17.0	16.0	18.0	12.0	10.0	14.0	6.0	20.0	18.0	15.0	13.5	14.0	15.0	18.0	18.0	16.5	13.5	12.5	8.5	10.5	8.5	8.6	10.5	9.0	11.5	13.0	9.5
Colorado	24.8	18.0	14.0	23.0	19.5	21.5	23.5	17.5	20.0	16.5	13.3	15.0	14.0	11.5	11.0	12.5	11.0	12.0	12.5	13.0	11.0	14.0	12.0	9.5	9.0	7.6	11.5	13.0	13.5	14.5	11.0
New Mexico	15.8	14.5	15.0	17.5	15.5	18.0	16.5	12.5	14.0	10.0	19.1	15.0	16.5	7.0	6.5	11.5	7.0	18.5	9.0	10.0	14.0	8.0	20.0	6.5	5.5	5.5	7.0	6.0	11.5	10.0	10.0
Arizona	18.1	16.0	17.5	19.5	19.5	18.5	20.0	20.5	18.0	18.5	23.0	22.0	19.5	18.0	19.0	15.3	21.5	18.5	18.0	20.5	23.0	24.5	23.0	21.0	21.5	21.5	22.5	23.0	22.0	22.0	23.0
Utah	19.9	16.5	20.0	19.0	17.5	23.0	21.0	18.0	18.5	17.0	12.7	15.9	19.9	13.0	19.9	13.3	22.0	21.0	19.0	21.0	16.0	22.0	14.0	17.0	13.0	14.0	19.0	13.0	15.0	21.0	14.0
Nevada	25.0	24.0	26.0	26.0	25.0	27.5	20.0	20.0	26.0	25.0	19.7	22.0	20.2	19.7	25.7	20.0	26.0	24.0	24.0	26.0	28.0	22.0	22.0	23.0	24.0	27.0	28.0	27.0	28.0	27.0	29.0
Washington	21.2	18.0	24.0	23.5	23.0	24.0	26.0	21.0	18.5	20.0	21.1	24.0	27.9	16.3	27.5	17.0	23.5	23.0	28.5	25.0	23.5	22.5	23.0	24.0	22.0	22.4	25.0	22.5	25.5	27.5	25.5
Oregon	16.6	20.5	22.0	24.0	21.5	22.0	23.5	20.0	19.5	17.5	20.0	22.2	24.0	19.0	25.0	17.0	21.0	19.0	26.0	24.0	20.0	23.0	18.5	20.0	19.5	14.0	17.0	20.0	20.0	22.0	22.0
California	13.0	17.0	15.5	15.0	12.0	17.0	16.0	14.0	17.0	14.0	15.5	14.0	15.0	21.2	21.4	14.5	18.5	18.0	16.5	20.5	17.4	19.0	14.6	18.7	18.5	16.0	19.0	19.5	21.5	17.0	18.0
United States	15.5	15.3	14.4	14.2	15.7	18.5	16.2	13.4	14.5	15.0	14.8	15.2	14.0	13.7	14.3	16.2	12.5	16.8	14.4	15.7	14.2	15.4	19.0	13.6	12.4	12.6	13.9	13.8	14.6	13.8	14.9

TABLE 46.—*All spring wheat: Yield per acre (bushels)*

State	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine	24.3	24.5	21.0	20.0	24.0	24.0	25.0	25.5	16.0	21.0	18.0	19.0	21.0	22.0	20.0	23.0	25.0	22.0	18.0	19.0	23.0	21.0	22.0	22.0	24.0	21.5	17.0	17.0	19.0	17.0	21.0
New Hampshire																															
Vermont	19.8	21.0	18.0	19.0	19.0	21.0	22.0	18.0	20.0	22.0	16.0	19.0	14.0	21.0	21.0	21.0	17.0	20.0	20.0	16.0	18.0	20.0	21.0								
Massachusetts																															
Rhode Island																															
Connecticut																															
New York									18.0	17.0	12.5	18.0	14.5	16.0	17.0	19.5	19.5	18.5	19.0	18.0	16.0	17.0	18.5	17.0	15.5	15.5	16.5	15.0	18.5	18.0	18.0
New Jersey																															
Pennsylvania										15.0	12.5	14.5	15.0	15.0	15.0	16.0	18.5	18.5	16.0	14.0	18.0	21.0	21.0	14.5	15.0	15.0	18.0	18.0	19.0	19.0	18.5
Ohio										21.0	15.0	15.5	14.0	16.0	20.0	23.0	23.0	24.0	18.0	18.5	20.0	19.5	20.0	16.5	16.0	15.0	20.0	19.0	10.0	17.5	16.0
Indiana									20.0	23.0	10.5	15.0	15.0	15.0	20.0	16.0	17.5	18.0	16.0	14.0	19.5	19.0	18.0	15.0	13.0	10.5	14.0	15.0	14.0	16.0	18.0
Illinois									25.0	27.0	15.1	18.2	16.5	16.5	19.3	20.0	21.0	19.5	19.0	18.5	18.7	21.5	19.5	16.5	14.0	8.5	14.0	17.5	14.0	18.5	17.0
Michigan									17.5	17.5	10.8	10.4	10.0	16.0	16.5	20.5	19.0	16.0	18.5	17.5	18.8	17.5	19.0	18.5	13.5	13.4	16.0	12.0	15.5	15.0	16.0
Wisconsin	18.0	17.0	14.5	18.0	18.5	17.5	21.0	16.5	21.0	24.0	13.0	13.5	13.0	16.0	17.0	21.0	20.0	19.0	18.5	20.0	18.5	21.0	17.0	19.0	16.0	14.7	15.5	13.0	13.0	17.0	15.0
Minnesota	17.4	16.0	10.5	17.0	16.5	10.5	17.0	7.5	16.0	20.0	9.4	9.6	9.7	12.7	12.5	21.8	13.1	12.1	10.7	13.7	14.1	16.8	13.8	13.4	9.7	10.7	9.7	8.9	15.9	15.0	13.5
Iowa	12.9	19.5	13.0	18.0	15.5	13.5	16.5	13.0	20.5	18.0	9.5	11.0	10.6	15.0	14.0	16.0	15.0	15.5	15.0	17.3	17.0	16.5	17.0	13.0	13.0	7.5	10.0	14.0	15.0	14.5	13.5
Missouri									6.0	12.0	5.5	13.0	12.0	14.0	13.0	13.0	16.0	16.0	11.0	11.0	15.2	12.0	19.0	11.0	11.5	10.3	9.5	13.0	11.0	11.0	12.0
North Dakota	14.3	6.5	8.5	16.0	10.5	11.0	17.0	6.0	7.5	11.5	6.7	8.8	8.2	13.8	8.2	15.3	12.3	8.6	12.9	14.4	9.6	10.8	6.5	10.4	7.1	6.1	7.0	5.2	8.1	9.0	10.7
South Dakota	14.6	13.0	4.5	14.0	8.5	8.5	16.0	6.5	14.0	18.0	8.0	9.0	9.0	13.5	9.4	14.6	11.8	6.0	14.8	10.3	9.6	11.5	5.9	13.2	4.0	4.7	7.8	4.7	5.4	9.0	8.6
Nebraska	12.8	14.0	9.5	14.0	12.5	11.5	16.0	12.5	16.5	12.0	8.5	9.5	11.0	11.0	9.0	10.5	13.0	15.0	16.0	17.0	14.5	15.5	7.5	10.0	8.0	5.2	6.5	4.5	4.5	10.0	8.0
Kansas	9.8	8.5	4.5	15.0	8.5	15.0	12.0	10.5	6.0	8.0	9.0	12.5	8.2	8.3	9.0	10.5	8.5	7.0	7.0	11.5	11.2	10.0	8.5	8.5	5.5	6.1	9.0	6.0	6.0	7.0	5.5
Delaware																															
Maryland																															
Virginia																															
West Virginia																															
North Carolina																															
South Carolina																															
Georgia																															
Florida																															
Kentucky																															
Tennessee																															
Alabama																															
Mississippi																															
Arkansas																															
Louisiana																															
Oklahoma																															
Texas																															
Montana	23.2	18.0	22.0	23.5	21.5	17.5	25.0	18.5	10.0	12.5	4.9	11.9	11.9	15.4	14.3	16.1	10.5	12.2	20.2	18.7	8.5	8.2	6.0	12.5	7.0	10.0	9.0	5.5	7.6	14.0	13.5
Idaho	24.8	20.5	25.5	24.0	26.0	23.5	25.5	23.5	20.0	19.0	17.0	21.0	23.5	21.0	25.5	18.0	26.5	22.5	27.0	26.5	25.0	28.0	20.5	28.0	21.0	25.5	27.0	24.0	28.0	28.5	28.0
Wyoming	17.8	15.0	16.0	19.5	17.5	13.5	19.5	13.5	16.0	20.0	8.5	15.5	12.5	12.0	11.5	12.0	13.0	14.0	15.0	14.0	12.5	11.0	11.0	12.0	10.0	11.2	11.0	10.5	11.5	12.5	11.5
Colorado	21.2	13.5	12.0	21.5	16.5	21.5	21.0	18.0	21.0	19.0	15.4	17.5	16.5	14.5	15.0	15.1	14.0	14.5	17.0	17.0	14.0	13.5	12.0	13.0	12.5	12.1	12.0	12.0	13.0	14.5	13.5
New Mexico	15.3	11.0	13.0	17.5	10.0	17.5	14.5	12.5	9.0	15.0	16.0	14.0	12.5	7.5	11.0	11.0	12.0	15.0	11.0	11.5	16.2	13.0	16.0	12.0	11.0	12.0	14.0	13.0	13.5	13.5	11.0
Arizona																															
Utah	26.6	25.0	26.0	28.0	26.0	25.0	26.0	21.5	25.0	25.0	18.7	25.0	25.0	25.0	26.5	22.7	29.0	26.0	29.5	29.0	29.3	32.0	25.0	29.0	25.0	24.7	31.0	27.0	29.0	28.0	26.5
Nevada	26.8	29.0	30.5	30.0	31.0	30.0	29.0	31.5	31.0	29.0	21.4	29.0	20.0	31.0	25.3	24.0	27.0	22.5	24.0	27.0	25.0	26.0	23.0	26.0	24.0	25.0	25.5	20.0	25.0	23.0	25.0
Washington	17.7	13.0	17.0	17.5	16.5	18.5	20.5	20.0	13.0	9.5	13.0	11.9	15.0	9.3	22.0	9.2	16.2	16.5	20.0	15.4	13.7	12.0	11.5	12.5	19.5	15.7	18.0	21.0	20.5	21.5	19.0
Oregon	15.0	16.0	17.0	18.0	17.5	16.0	16.5	23.0	11.0	11.0	13.0	17.0	17.0	11.5	21.0	15.0	18.8	13.6	20.5	17.0	20.2	23.0	20.0	21.0	19.5	18.2	19.5	21.0	21.0	22.0	20.5
California																															
United States	15.4	11.1	9.4	16.4	12.5	11.7	17.8	9.2	11.5	14.5	8.7	10.5	10.1	13.9	11.2	15.7	13.1	10.5	15.3	15.0	10.7	11.7	8.2	12.2	9.1	10.1	9.0	9.6	10.9	12.1	12.1

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TABLE 47.—*Corn (excluding sweet corn and popcorn): Grain-equivalent yield per acre (bushels)*

State	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902
Maine	30.0	31.5	31.5	24.0	35.0	30.5	34.0	27.5	25.0	31.5	31.0	35.0	36.0	31.0	31.0	32.5	28 0	32.0	33.0	34.0	32.5	36.0	21.5	35.0	33.0	37.5	35.5	30.0	40.0	41.0	36.0	34.0	40.0	38.3	38.5	41.5	24.0
New Hampshire	35.0	40.0	39.0	30.5	37.0	40.0	39.0	38.0	37.0	40.5	40.0	41.0	37.5	36.9	40.5	38.5	25.5	40.0	40.0	43.0	41.0	41.0	29.0	41.6	38.0	42.0	41.5	39.0	38.0	42.5	42.0	34.0	43.0	42.0	42.5	44.5	30.0
Vermont	34.0	39.0	40.5	34.0	39.5	35.5	41.0	37.5	36.0	37.0	38.0	39.0	38.0	36.5	37.0	39.5	38.5	37.5	38.5	40.5	41.0	43.0	31.5	40.7	38.0	43.0	42.5	43.0	41.0	45.5	43.0	35.0	43.0	38.3	45.0	45.0	26.0
Massachusetts	34.0	35.5	36.0	33.5	31.0	37.0	37.0	35.0	32.0	36.5	35.5	38.0	37.0	34.2	38.0	32.5	27.0	35.0	39.0	39.0	40.0	40.5	36.0	39.1	39.0	40.5	39.5	36.0	34.5	42.5	43.0	34.0	40.0	39.4	39.0	43.0	35.0
Rhode Island	31.5	30.5	33.0	29.5	32.5	31.5	31.5	30.5	33.0	31.0	32.0	33.0	32.0	31.4	32.0	28.0	26.0	33.0	30.0	33.0	31.5	34.0	33.5	32.5	34.0	35.5	35.0	28.0	32.5	36.0	36.0	34.0	35.0	35.4	33.5	34.0	31.5
Connecticut	34.0	34.0	34.5	29.0	32.5	35.0	37.0	30.0	35.5	35.5	36.5	31.5	36.5	33.7	34.5	30.5	24.5	35.5	38.0	39.0	36.0	38.5	37.0	36.4	37.0	39.5	39.5	30.0	34.5	41.0	37.5	34.0	40.0	40.3	37.0	39.0	34.0
New York	29.0	33.5	32.5	27.0	35.0	33.0	35.0	31.0	31.5	33.0	30.0	33.5	32.5	33.0	32.5	26.5	28.0	23.5	32.5	33.0	32.0	34.5	31.0	30.6	30.5	35.0	33.0	32.0	31.5	36.0	35.0	32.0	34.5	30.4	34.5	35.0	27.0
New Jersey	31.5	33.0	33.0	28.0	33.5	32.0	34.0	32.0	25.5	34.0	29.5	33.0	32.0	32.4	33.5	27.0	31.0	33.0	34.0	34.0	31.5	35.0	35.0	32.3	36.0	37.0	31.5	26.0	28.0	30.0	33.0	32.5	35.5	37.2	33.0	36.5	36.0
Pennsylvania	35.0	33.0	35.0	30.5	36.0	35.0	38.0	32.5	34.0	38.0	32.5	33.0	30.0	33.4	37.5	26.0	32.0	28.0	33.5	35.0	32.0	36.0	35.0	33.8	32.0	38.0	32.0	25.0	34.0	33.5	40.0	36.0	37.0	35.0	32.0	38.0	36.0
Ohio	37.0	30.0	35.0	30.0	39.0	39.0	40.0	35.0	37.0	34.5	37.5	32.5	36.0	34.1	39.0	31.0	34.0	26.0	33.0	39.0	34.0	31.0	38.5	35.7	25.0	37.5	31.0	29.0	30.5	33.5	42.0	35.0	40.0	39.7	42.5	30.0	40.0
Indiana	36.5	29.0	34.0	25.5	39.5	35.5	38.5	30.0	34.0	32.0	35.0	35.0	32.0	31.4	25.5	22.0	34.0	29.0	31.0	36.0	34.0	22.0	37.0	30.4	25.0	36.0	31.0	24.0	30.0	36.0	39.5	30.5	38.5	39.8	41.5	22.0	39.0
Illinois	29.0	27.0	34.2	23.5	40.0	33.0	39.8	21.0	24.0	34.3	30.0	27.0	29.0	36.1	31.0	21.0	25.0	27.3	33.0	34.5	27.8	21.0	40.0	36.8	28.0	38.0	27.0	26.0	31.0	41.0	42.0	34.0	31.0	38.8	40.0	24.0	41.0
Michigan	32.0	36.0	33.0	28.0	39.0	33.5	36.0	31.0	28.0	36.0	30.0	31.0	37.0	35.3	37.0	30.5	35.0	24.5	35.5	36.0	33.0	27.5	34.0	28.9	30.0	33.0	30.0	28.0	25.0	34.0	39.0	33.0	32.0	29.7	37.0	34.5	26.5
Wisconsin	28.5	37.5	36.0	26.5	38.0	37.0	35.0	33.0	32.0	23.0	37.5	32.0	35.5	33.5	37.0	31.5	33.0	21.0	36.0	34.0	29.5	29.5	34.5	30.4	34.0	31.0	31.5	34.0	22.0	35.0	37.0	34.0	36.0	35.6	38.6	26.0	27.0
Minnesota	23.0	35.0	37.0	29.0	31.5	35.5	33.5	31.0	29.5	25.0	26.0	26.5	36.5	33.8	31.0	31.0	27.0	21.0	32.0	28.0	31.0	27.0	28.0	27.4	27.0	26.5	27.0	28.0	18.5	30.5	30.5	28.0	30.5	32.8	33.0	27.0	23.0
Iowa	32.0	41.0	40.5	33.5	40.0	43.5	41.0	32.5	34.0	35.0	34.0	33.5	40.5	41.6	39.5	30.0	30.5	29.0	39.5	36.5	29.0	30.0	39.5	41.3	28.0	40.5	30.5	37.5	15.0	39.0	43.0	33.5	36.0	39.1	45.0	28.5	38.0
Missouri	26.0	32.0	26.5	30.6	34.0	35.5	31.5	23.5	16.0	36.0	28.0	29.0	26.0	36.2	28.5	16.5	33.5	28.0	34.0	31.5	24.0	23.0	31.0	32.4	28.0	30.0	28.0	30.5	24.0	37.0	29.5	26.0	30.0	28.1	29.5	10.0	39.0
North Dakota																	25.0	20.0	30.0	28.9	21.5	27.0	25.5	15.0	13.0	16.5	18.0	20.5	18.5	16.0	20.5	19.0	16.5	20.6	15.0	24.5	18.0
South Dakota																	25.0	20.0	30.0	29.0	21.5	27.0	25.5	17.5	13.5	27.0	27.0	30.0	4.0	11.0	30.0	27.0	28.0	27.1	27.0	21.0	19.0
Nebraska	29.5	38.0	28.0	38.5	33.5	38.0	37.0	22.0	15.0	31.0	32.0	34.0	41.0	40.1	31.0	29.5	38.0	37.5	41.0	40.0	31.0	27.5	38.0	39.4	20.0	37.5	32.0	26.5	7.0	16.5	37.5	30.0	21.0	28.8	26.0	14.0	32.5
Kansas	28.0	38.5	20.0	38.5	28.0	36.5	36.0	23.5	10.5	34.5	35.0	34.0	28.5	30.9	29.5	18.0	33.5	36.5	37.0	32.5	22.0	14.5	26.5	35.5	10.5	26.5	24.5	21.5	11.0	24.5	28.0	19.0	19.0	27.8	19.0	8.0	30.0
Delaware	23.0	14.0	21.0	15.0	18.5	22.0	18.0	16.0	18.0	22.0	20.0	18.0	18.5	19.3	20.8	15.0	20.0	19.5	20.0	21.5	19.0	22.5	20.5	17.7	22.5	24.0	22.5	20.0	21.0	23.0	26.5	24.0	24.0	24.7	20.0	26.5	26.0
Maryland	25.0	24.0	23.0	20.0	22.0	23.5	22.0	22.5	21.0	25.0	24.0	22.5	22.5	24.0	24.0	19.0	26.0	24.5	23.5	24.0	23.5	27.5	27.0	25.4	26.0	29.0	26.5	24.0	23.0	27.0	30.5	32.0	26.0	30.0	24.5	31.5	28.5
Virginia	16.2	17.0	18.5	13.5	18.5	18.0	18.0	18.5	17.5	19.5	18.0	17.5	17.5	16.5	21.0	15.0	18.5	15.0	16.5	17.0	16.5	18.5	18.5	17.5	17.0	20.0	22.0	16.5	17.0	19.5	19.0	23.0	18.0	22.5	19.2	15.0	21.5
West Virginia	26.0	22.5	25.0	21.5	26.0	23.0	24.5	23.5	21.5	25.0	24.0	21.0	24.5	24.9	24.5	17.0	23.0	21.5	18.5	24.0	23.5	19.5	24.5	23.2	21.0	26.0	22.0	19.0	17.5	25.0	27.0	23.5	26.0	22.9	26.0	22.0	26.5
North Carolina	9.5	11.5	13.5	10.0	14.5	11.5	14.0	13.0	13.0	13.5	12.5	13.5	12.0	12.2	13.5	9.5	14.0	10.0	12.5	11.0	10.5	13.0	10.5	10.9	13.0	13.0	11.0	11.0	15.0	14.0	12.5	13.5	14.5	12.8	12.0	11.5	13.5
South Carolina	6.5	11.0	11.0	7.6	11.0	10.0	10.5	9.5	11.0	9.5	10.0	10.0	10.0	9.0	9.5	7.0	11.0	8.0	9.0	10.5	9.0	10.0	8.0	10.2	10.0	11.0	10.5	8.0	12.0	12.0	11.0	10.5	11.0	9.8	7.0	7.0	12.0
Georgia	6.0	12.0	10.0	8.4	12.0	8.5	11.0	11.0	11.0	9.0	11.0	9.5	10.0	9.1	9.0	8.0	12.5	8.5	10.5	11.0	10.5	10.5	10.0	11.3	10.5	12.0	11.0	11.0	11.5	12.5	10.5	11.0	10.5	9.8	10.0	10.0	9.0
Florida	9.0	11.5	10.5	11.0	10.5	8.5	9.0	10.0	10.0	9.5	9.5	9.0	9.5	8.8	9.5	9.0	10.0	9.5	9.5	9.5	9.5	9.5	9.5	9.8	8.5	10.0	9.0	9.0	9.0	9.5	11.0	9.0	9.0	9.3	8.5	9.0	8.5
Kentucky	26.5	21.0	28.0	21.2	28.0	23.5	27.5	25.5	22.5	27.0	27.0	26.0	20.0	24.1	25.0	17.0	27.0	23.0	24.0	25.0	25.5	18.5	26.5	26.5	22.5	28.5	23.0	21.0	22.5	30.0	28.0	22.5	31.0	22.3	26.5	16.0	26.0
Tennessee	21.0	23.5	23.0	19.0	24.0	21.0	22.5	20.5	17.5	23.5	23.0	22.0	21.0	21.6	21.5	15.5	24.0	20.5	20.5	21.0	20.5	20.0	21.0	22.8	19.0	23.0	21.5	19.5	22.5	24.5	21.5	21.0	25.0	19.9	20.0	15.0	22.0
Alabama	9.0	13.0	12.5	12.0	13.5	11.0	13.5	12.5	12.5	13.0	13.5	12.0	13.0	12.4	12.0	11.0	14.0	11.5	13.0	13.0	12.5	13.5	13.5	14.1	10.5	14.0	13.0	11.5	15.0	15.5	12.5	12.0	15.5	12.8	11.0	11.0	8.5
Mississippi	9.5	16.0	16.0	13.2	14.0	12.5	16.5	12.5	13.0	16.5	13.5	14.0	14.0	13.6	14.5	11.0	16.0	13.0	13.0	14.5	13.0	15.0	14.0	15.3	12.5	15.5	15.0	13.5	16.5	16.5	14.5	15.0	18.0	17.0	11.0	11.0	12.0
Arkansas	18.0	21.5	20.0	18.5	21.0	20.0	17.5	18.5	12.5	21.0	20.0	20.0	19.0	18.6	21.0	15.0	21.5	18.0	18.5	20.0	20.5	20.0	19.0	20.6	16.5	21.0	18.0	17.0	19.0	21.5	14.0	16.5	21.0	19.0	18.0	8.0	21.5
Louisiana	11.0	15.5	17.0	15.5	16.5	12.5	17.0	15.0	13.0	14.5	15.0	16.0	16.5	13.3	15.5	12.0	15.0	14.5	12.5	16.0	15.5	16.0	14.5	15.6	14.5	16.0	16.0	15.0	16.5	17.5	13.0	16.0	18.0	16.4	15.0	12.0	11.0
Oklahoma																																		27.6	26.0	9.5	25.5
Texas	20.0	25.0	22.5	25.0	21.0	16.0	23.0	16.0	19.0	18.0	25.0	20.5	22.5	11.8	25.0	12.0	23.0	20.5	19.0	24.0	18.0	20.0	24.0	22.4	16.5	21.5	22.5	18.5	19.0	25.0	9.5	18.5	25.0	21.9	20.0	13.0	10.0
Montana																											25.0	27.5	33.0	23.0	33.0	21.0	24.0	23.0	15.0	25.0	27.0
Idaho																											25.0	19.5	28.5	22.5	28.5	28.5	25.5	24.3	34.0	25.0	30.0
Wyoming																								18.0	17.0	19.0	17.0	15.0	20.0	14.0	20.0	18.0	16.0	19.2	15.5	19.5	19.0
Colorado														19.8	18.5	16.0	18.5	19.0	21.0	21.0	20.0	15.0	18.0	19.5	18.0	21.5	22.0	16.0	19.5	18.0	16.0	19.0	18.0	15.0	18.5	17.0	16.5
New Mexico																	23.5	23.0	22.0	23.5	22.5	21.5	21.0	20.5	21.0	20.0	19.0	22.0	20.0	22.5	20.0	21.0	20.5	16.4	18.5	23.0	18.5
Arizona																	21.0	20.0	21.0	22.0	22.0	19.0	20.0	19.1	19.0	19.0	18.0	18.5	19.5	20.0	20.0	20.0	19.0	17.6	17.5	18.5	18.5
Utah																	21.0	21.0	17.0	23.5	20.0	21.5	20.0	14.7	17.0	19.0	18.0	21.5	19.0	21.0	20.5	22.0	21.0	21.7	22.0	21.5	21.0
Nevada																																					
Washington																	21.5	21.0	23.5	23.0	18.0	22.5	22.0	16.5	20.0	20.5	20.0	20.5	21.5	18.0	24.0	19.5	15.0	20.9	20.5	17.5	24.0
Oregon				25.0	23.0	25.0	26.5	26.0	25.0	25.0	27.0	25.0	25.0	22.5	22.0	22.0	24.0	24.0	26.5	22.5	25.5	26.0	24.0	19.7	21.5	25.5	22.0	24.0	25.5	25.0	22.0	27.0	21.0	22.0	23.0	21.0	23.0
California	28.0	27.0	30.0	28.0	25.0	21.5	29.0	31.0	33.0	25.0	26.0	26.5	28.0	28.0	32.0	30.0	28.0	29.0	35.0	25.0	33.0	30.0	34.0	33.9	33.0	32.5	30.5	34.0	26.0	34.5	28.0	31.5	25.0	27.4	25.0	30.5	30.0
United States	24.3	24.7	26.2	21.8	29.3	27.2	29.4	22.9	22.2	27.7	26.7	25.8	26.2	28.2	27.3	19.8	26.5	24.2	28.3	28.6	24.1	21.9	29.1	29.5	22.1	29.6	24.7	23.8	20.2	28.0	30.0	25.4	26.8	28.0	28.1	18.2	28.5

TABLE 47.—*Corn (excluding sweet corn and popcorn): Grain-equivalent yield per acre (bushels)*—Continued

State	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine	26.0	37.0	42.0	40.0	38.0	42.5	35.0	43.0	40.0	31.0	29.5	38.0	33.0	34.5	30.0	36.0	41.0	44.0	42.0	40.0	39.0	40.0	36.0	36.0	37.0	40.0	40.0	39.0	38.0	41.0	40.0	35.0	38.0	39.0	37.0	40.0	39.0
New Hampshire	26.0	30.0	43.0	41.5	38.5	43.5	35.0	43.0	39.0	40.0	31.0	40.0	39.0	37.5	34.0	36.0	42.0	45.0	46.0	43.0	42.0	41.0	44.0	42.0	41.0	41.0	41.0	43.0	43.0	39.0	41.0	40.0	41.0	42.0	41.0	41.0	41.0
Vermont	30.5	42.5	41.5	42.5	40.0	44.5	36.0	42.0	40.0	37.0	35.0	43.5	43.0	40.0	38.0	35.0	44.0	44.0	46.0	40.0	35.0	40.0	38.0	43.0	39.0	41.0	38.0	42.0	42.0	41.0	39.0	38.0	39.0	39.0	40.0	44.0	40.0
Massachusetts	28.0	40.0	42.0	43.0	39.0	44.0	39.5	43.5	41.5	43.0	38.5	44.5	43.5	42.0	41.5	45.5	47.0	40.0	48.0	44.0	43.0	40.0	44.0	44.0	42.0	39.0	39.0	45.0	43.0	40.0	40.0	41.0	41.0	42.0	41.0	38.0	40.0
Rhode Island	29.0	34.0	39.0	37.0	31.5	40.0	33.0	41.5	35.0	40.0	35.0	41.0	40.0	33.0	41.0	42.5	42.0	38.0	45.0	41.0	40.0	40.0	43.0	40.0	35.0	40.0	41.0	41.0	43.0	38.0	41.0	34.0	42.0	38.0	40.0	39.0	41.0
Connecticut	22.0	38.5	42.0	41.0	30.0	43.0	37.0	43.0	36.5	40.0	31.0	41.0	41.0	35.5	36.0	44.0	43.0	42.0	45.0	40.0	41.0	36.0	44.0	41.0	35.0	36.0	42.0	40.0	40.0	39.0	37.0	38.0	39.0	38.0	39.0	36.0	39.0
New York	28.0	31.0	34.0	35.0	29.5	38.0	35.4	38.5	37.0	35.0	28.0	41.0	38.0	30.0	31.0	34.0	43.0	40.0	46.0	35.5	32.4	34.0	36.0	35.0	34.0	34.0	33.0	30.0	39.0	35.0	31.0	34.5	34.0	31.0	35.5	37.0	35.0
New Jersey	22.0	38.5	35.0	36.5	36.0	40.0	37.7	36.0	38.0	37.0	38.0	39.5	36.0	36.0	37.0	35.0	38.0	43.0	45.0	42.0	40.0	33.0	46.0	43.0	40.0	37.0	38.0	35.0	39.0	40.0	36.0	36.5	43.5	36.5	41.0	38.0	38.0
Pennsylvania	31.0	34.5	41.0	41.0	33.5	39.0	30.1	38.5	42.0	40.0	37.0	42.5	38.5	39.0	39.0	38.0	46.0	45.0	47.0	45.0	41.0	36.5	49.5	44.0	38.0	38.0	37.0	22.0	46.5	37.0	39.5	39.0	44.0	41.5	46.0	43.5	42.5
Ohio	32.5	35.5	39.5	43.0	36.0	38.5	40.2	36.5	39.5	41.5	37.5	39.0	40.5	31.5	37.0	36.0	41.5	40.0	39.5	37.0	40.0	27.0	47.0	40.0	33.5	36.5	34.5	26.5	45.0	36.5	34.0	32.0	44.0	33.0	43.0	44.0	50.0
Indiana	35.0	33.0	42.0	41.0	36.5	30.5	39.9	39.0	34.5	39.5	35.5	33.0	38.5	32.5	35.5	35.0	35.6	39.5	36.0	36.0	38.0	26.5	42.0	38.0	31.5	35.2	31.0	27.5	39.0	37.5	29.5	27.0	38.0	25.5	45.0	41.0	51.5
Illinois	35.5	39.0	42.0	39.0	39.0	35.0	38.8	41.0	36.0	40.0	28.0	31.0	38.0	31.0	40.0	36.5	36.0	35.0	35.0	35.5	37.5	33.0	41.0	36.0	32.0	38.0	35.5	26.5	37.0	43.0	27.0	21.5	38.5	23.5	48.0	45.0	52.0
Michigan	32.5	28.5	34.0	37.0	30.0	30.0	33.3	32.0	32.0	33.0	32.0	35.0	31.0	27.0	21.5	28.0	34.5	37.5	37.5	33.5	32.5	26.5	38.5	33.0	26.0	31.0	25.0	22.0	29.0	35.0	31.0	22.5	36.5	24.5	35.0	36.5	37.0
Wisconsin	29.0	29.7	36.5	38.0	28.5	33.5	33.7	33.0	35.0	33.7	37.8	37.0	23.0	33.5	22.0	36.0	38.0	36.0	39.0	36.5	32.5	21.5	38.5	31.0	27.0	36.0	35.0	34.0	27.0	37.0	35.0	29.0	34.0	20.0	31.5	38.5	38.5
Minnesota	27.5	25.5	34.0	34.0	27.0	29.0	33.9	32.0	33.0	34.0	38.0	35.0	23.0	33.0	27.0	37.0	35.5	33.5	38.5	29.5	35.0	25.0	34.5	32.0	28.5	33.0	35.0	30.5	22.0	36.0	29.5	20.0	33.0	19.0	36.0	35.0	45.5
Iowa	32.5	39.0	41.5	45.5	35.0	38.0	37.1	41.5	35.5	46.0	37.5	40.5	32.5	38.0	38.5	37.0	41.6	46.0	43.0	45.0	40.5	28.0	43.9	39.0	35.0	41.5	40.2	34.0	32.9	43.0	40.0	23.0	38.0	17.7	45.0	46.0	52.0
Missouri	29.5	26.0	34.0	32.5	31.0	27.0	26.9	33.0	26.0	32.0	17.5	22.0	29.5	19.5	33.5	20.0	26.5	31.5	30.5	28.5	30.0	23.0	27.0	25.5	26.5	27.0	22.5	15.0	25.5	27.5	23.5	6.5	18.5	8.0	27.0	25.0	29.0
North Dakota	22.0	21.0	27.5	28.0	18.0	23.0	26.7	14.0	23.5	26.0	29.0	28.0	11.5	23.5	11.0	19.0	28.5	22.5	26.5	26.0	31.5	17.0	18.0	14.5	21.0	20.0	13.5	16.0	16.5	17.0	13.5	4.5	17.5	3.4	19.0	16.5	16.5
South Dakota	25.0	23.0	30.5	30.5	21.5	26.0	27.3	21.0	19.5	26.5	22.5	22.0	26.0	24.5	24.0	30.0	25.5	30.0	32.0	28.5	32.0	19.0	16.0	17.5	29.0	20.0	23.0	15.0	6.5	14.0	10.6	5.0	13.5	3.4	14.0	12.0	17.5
Nebraska	27.5	33.0	34.0	34.0	24.0	27.0	24.8	26.0	21.5	27.0	15.0	24.5	31.0	27.0	27.0	18.0	24.0	33.2	27.0	24.0	32.0	21.5	25.0	15.0	32.1	22.0	25.2	25.0	17.0	25.0	22.5	3.2	13.2	3.5	10.5	14.5	12.0
Kansas	26.0	21.0	28.0	29.0	22.0	22.0	19.1	19.0	14.5	23.0	3.0	18.5	31.0	10.0	13.0	7.0	15.5	26.2	22.8	19.0	23.0	21.7	17.6	11.5	27.0	25.0	18.0	12.0	18.0	19.0	11.5	3.5	9.0	4.0	12.0	20.0	13.5
Delaware	25.0	27.0	28.0	26.0	25.5	26.0	25.6	27.0	29.0	29.0	26.5	31.0	26.5	29.0	29.0	26.0	22.0	34.0	34.0	27.0	31.0	24.0	30.0	26.0	29.0	27.0	27.0	20.0	29.0	28.0	26.0	29.0	29.0	29.0	29.0	29.0	29.0
Maryland	26.0	30.5	33.5	31.5	30.5	31.0	27.7	30.0	33.0	33.0	29.5	33.5	31.5	35.0	35.0	31.0	34.0	32.5	33.0	34.0	35.0	28.0	36.5	32.5	35.5	31.0	31.5	14.5	35.5	29.5	29.0	29.0	34.0	36.0	36.0	37.0	36.0
Virginia	21.5	23.5	24.5	24.0	23.0	23.5	20.6	24.0	20.5	25.0	20.0	25.5	24.0	24.5	24.5	24.5	23.3	25.5	21.0	24.5	25.4	21.0	21.0	23.0	24.5	23.0	24.0	11.0	26.0	18.0	22.5	22.0	24.5	21.5	25.5	25.0	26.0
West Virginia	21.5	24.5	29.0	28.5	24.0	24.5	25.3	22.0	22.5	29.5	27.0	27.0	28.0	26.5	26.0	25.5	30.0	28.5	28.0	28.0	28.0	23.5	27.0	26.0	26.0	26.5	28.5	12.0	28.0	24.0	27.0	24.5	26.0	23.0	27.5	26.5	28.5
North Carolina	14.0	15.0	13.5	15.0	15.5	14.5	13.8	17.5	16.5	15.0	18.0	18.5	19.0	16.5	20.0	19.5	18.0	20.5	17.5	18.5	20.5	16.0	17.0	18.0	19.0	17.0	19.0	18.0	19.0	15.0	18.0	17.5	19.0	18.5	19.5	19.0	19.5
South Carolina	12.5	14.5	11.0	12.5	15.0	12.0	13.3	16.0	14.5	14.5	16.5	16.0	15.0	15.0	18.5	16.5	16.0	17.0	15.0	14.5	15.0	12.1	12.5	14.0	15.5	12.0	14.5	14.5	14.5	11.0	14.5	10.5	12.5	13.5	15.0	14.5	14.5
Georgia	11.5	12.0	11.0	12.0	12.5	11.0	11.6	12.0	13.5	11.5	13.0	12.5	12.5	13.0	14.0	12.5	12.1	13.0	13.0	10.5	10.5	10.5	9.0	12.5	12.1	8.5	12.0	10.5	9.0	9.5	9.5	8.8	10.5	8.0	11.5	11.5	8.5
Florida	10.5	10.0	9.5	10.0	10.0	10.0	11.6	12.0	12.0	10.0	12.0	12.5	12.0	12.5	11.5	11.5	11.5	11.0	13.0	12.5	10.5	12.0	13.5	13.5	10.5	11.0	10.8	9.0	8.5	8.5	8.0	8.7	9.5	9.0	10.0	10.5	7.5
Kentucky	26.0	27.0	29.0	30.5	27.0	22.0	24.3	25.5	23.0	27.0	18.5	23.0	27.5	26.0	29.0	23.5	22.5	27.5	22.0	24.0	24.0	23.0	23.0	27.5	23.0	20.0	23.1	10.0	27.0	23.0	24.5	22.0	22.0	18.0	26.0	27.0	25.0
Tennessee	24.0	25.0	24.5	28.0	26.0	25.0	24.5	25.0	24.0	19.0	22.5	25.0	24.5	17.0	16.0	27.5	21.0	21.4	26.0	24.5	22.5	21.0	18.5	25.2	22.2	15.0	22.7	14.0	24.0	20.3	23.5	21.2	20.0	24.0	25.5	20.0	20.0
Alabama	15.0	15.0	14.0	14.5	14.5	14.0	11.9	15.5	15.0	13.5	13.0	13.0	14.5	10.0	15.5	12.5	13.5	14.5	14.0	13.0	13.5	12.0	13.0	14.5	14.0	12.0	14.0	10.5	14.0	11.5	12.2	12.2	13.0	12.5	14.5	14.0	10.0
Mississippi	18.5	18.5	14.5	18.0	15.5	17.0	13.1	18.5	18.0	17.0	17.5	16.0	17.0	12.5	18.0	15.0	14.5	15.0	16.0	15.6	13.5	12.0	15.5	17.0	15.5	13.5	17.7	11.0	18.0	13.5	15.0	13.6	13.0	14.5	17.5	16.0	12.5
Arkansas	21.0	20.5	18.0	22.0	15.5	19.5	16.5	22.0	19.0	18.5	16.5	15.0	20.5	15.0	21.5	10.5	15.0	23.4	22.0	18.0	15.5	15.5	15.0	19.5	19.0	17.0	15.6	5.5	22.5	18.0	13.5	8.0	12.0	12.5	20.0	16.5	15.5
Louisiana	18.0	16.5	13.5	16.0	14.0	16.0	16.4	18.0	15.0	16.0	17.0	15.5	17.0	17.0	14.5	13.0	14.5	18.0	17.5	16.0	14.0	11.0	16.0	15.5	16.0	15.0	15.8	11.0	16.0	14.2	13.0	9.6	17.0	14.0	17.5	16.5	15.0
Oklahoma	25.5	30.0	30.0	33.0	24.5	25.0	15.9	16.0	7.0	18.5	11.0	12.5	29.5	13.5	8.5	7.5	22.0	26.0	23.0	17.0	11.0	18.0	10.0	23.0	23.0	20.5	15.5	10.5	15.0	20.0	7.0	5.8	14.0	6.5	18.0	20.0	14.5
Texas	25.0	23.5	22.0	22.5	22.5	24.0	14.7	22.0	11.0	21.0	22.0	18.0	21.5	19.0	11.0	13.0	23.0	20.0	18.0	16.0	16.5	15.0	11.5	21.0	19.0	18.0	16.3	16.0	17.0	17.5	13.0	8.2	19.5	15.0	16.0	16.0	16.0
Montana	28.0	27.0	27.0	30.0	28.0	25.5	28.8	25.0	26.5	27.5	29.0	25.0	25.0	22.0	12.5	21.0	8.5	16.0	16.0	20.0	20.5	11.3	10.1	8.9	15.0	12.0	9.5	10.0	9.7	11.2	7.4	5.3	10.8	7.5	9.0	15.0	13.0
Idaho	29.0	29.5	29.0	31.5	31.0	29.0	34.6	32.0	30.0	34.0	32.0	29.0	32.0	30.0	32.5	38.0	33.5	38.0	33.0	35.0	38.5	29.0	32.0	33.5	31.0	35.0	33.2	36.0	35.5	33.5	34.0	35.0	36.5	33.0	37.0	37.0	34.5
Wyoming	17.5	20.0	19.0	17.5	16.5	15.0	19.0	6.0	12.0	17.5	17.5	18.0	14.0	13.5	18.0	19.0	10.0	18.5	15.0	19.5	18.0	9.5	17.0	14.0	17.0	15.0	13.5	16.5	9.5	9.0	11.0	5.0	10.0	6.5	9.5	12.0	11.0
Colorado	17.5	19.0	20.0	19.0	18.0	16.0	17.8	15.5	14.0	19.0	15.0	19.0	20.0	14.0	18.0	18.5	13.5	18.5	12.0	14.0	22.0	8.5	13.0	6.5	15.0	13.5	14.5	21.5	9.5	7.5	11.0	4.0	8.5	9.0	8.0	10.5	10.5
New Mexico	20.5	19.0	21.5	22.0	20.0	20.0	19.5	15.0	19.5	18.0	13.5	23.0	21.0	16.5	15.5	19.0	21.0	20.0	19.5	8.0	13.5	13.0	15.0	14.5	13.0	14.5	17.0	13.5	15.5	12.0	13.5	13.0	13.5	11.5	13.5	13.5	13.5
Arizona	22.0	18.0	21.5	22.5	21.5	20.0	19.5	18.0	19.0	21.0	19.0	20.0	19.0	21.5	19.0	18.0	21.0	13.0	19.0	17.0	19.0	13.3	16.0	14.0	23.0	17.0	14.0	17.0	15.0	15.0	18.0	13.0	18.0	14.0	15.0	14.0	12.5
Utah	22.0	23.5	24.0	23.5	21.5	22.0	23.4	23.0	23.0	23.5	24.0	25.0	22.0	23.0	23.0	22.5	19.2	25.0	20.0	24.4	24.9	22.0	23.0	23.0	24.0	28.0	31.0	31.0	21.0	27.0	22.0	16.0	20.5	25.0	27.0	25.0	25.0
Nevada	----	----	----	----	----	----	35.5	30.0	31.5	30.0	35.0	33.0	30.0	32.0	34.0	32.0	26.9	32.0	29.1	21.1	23.3	22.0	25.0	24.0	25.0	25.0	30.0	25.0	24.	24.0	22.0	30.8	24.0	26.0	30.0	31.0	30.0
Washington	23.0	24.0	20.0	25.0	27.5	23.0	25.0	26.0	27.0	28.0	29.0	28.5	29.0	32.5	33.0	34.5	33.0	35.0	38.0	39.0	34.0	30.0	36.0	35.5	36.0	38.0	35.5	38.0	36.0	32.0	34.5	26.5	36.0	34.0	37.0	35.0	34.5
Oregon	25.0	26.0	23.0	26.0	26.0	23.0	26.1	25.0	25.5	29.5	28.5	25.0	30.0	29.0	26.0	27.5	26.5	27.5	27.5	32.0	35.0	29.5	28.0	29.0	30.0	32.0	31.0	30.0	31.0	28.0	30.0	29.0	31.0	30.5	33.0	29.0	31.0
California	30.5	29.0	32.0	31.0	30.5	27.5	29.5	33.5	33.0	32.0	30.5	36.0	38.0	32.0	32.0	34.0	30.0	33.0	30.0	33.0	33.5	28.0	32.0	30.0	30.0	30.0	31.0	32.0	32.0	31.5	30.0	35.0	33.0	33.5	34.0	33.5	34.0
United States	26.9	28.2	30.9	31.7	27.2	26.9	26.1	27.9	24.4	29.1	22.7	25.8	28.1	24.1	26.2	23.9	27.3	30.3	28.4	27.0	28.4	22.1	27.6	25.6	26.6	26.6	25.8	20.5	24.1	26.5	22.6	15.8	24.0	16.2	28.3	27.8	29.5

TABLE 48.—*Oats, for grain: Yield per acre (bushels)*

State	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902
Maine	30.0	22.0	22.0	31.5	28.0	25.0	30.0	21.0	29.0	30.0	28.0	26.0	26.0	28.8	25.0	34.0	22.0	31.5	30.0	32.0	29.5	30.5	29.0	30.2	27.0	32.0	32.0	31.5	29.0	35.0	38.0	31.0	36.0	35.0	35.0	33.0	37.0
New Hampshire	32.0	30.5	29.5	33.0	28.0	32.0	29.0	29.0	34.5	32.0	30.0	35.5	29.0	34.5	33.5	35.0	31.5	36.5	35.0	34.5	36.0	33.0	34.5	33.5	29.0	37.0	36.5	36.5	34.5	37.5	37.5	33.0	39.0	39.5	37.0	33.5	39.0
Vermont	36.0	32.0	33.0	35.5	30.0	32.0	32.0	31.5	35.5	36.0	33.0	35.5	32.0	37.5	35.5	36.5	38.0	35.5	36.5	36.5	36.0	31.0	35.0	32.5	27.5	37.0	35.0	35.5	36.5	37.5	37.0	32.5	36.5	37.5	35.0	33.0	37.5
Massachusetts	30.0	26.0	24.0	35.0	25.0	28.0	26.0	28.0	31.0	30.0	29.0	31.5	29.0	31.2	32.0	31.5	33.0	30.0	29.5	32.0	33.0	29.5	31.5	27.1	25.0	34.0	34.5	35.0	34.0	37.5	37.0	32.0	34.0	36.0	38.0	33.0	36.5
Rhode Island	29.0	26.5	25.0	31.5	28.5	29.0	30.0	27.0	28.0	27.0	24.0	29.0	28.5	28.6	30.0	28.5	28.5	31.0	26.5	28.5	29.5	27.5	28.5	27.6	25.0	31.5	31.0	30.0	31.0	32.5	31.5	32.5	30.0	30.8	33.5	32.0	35.0
Connecticut	30.0	28.0	27.0	33.0	27.0	28.5	32.0	24.0	29.5	29.0	25.5	30.0	34.0	27.5	31.5	32.0	30.0	32.0	28.0	29.5	30.0	29.0	28.5	28.0	23.5	30.0	29.0	29.0	29.5	34.0	34.5	32.0	26.5	32.0	31.0	28.0	34.5
New York	35.0	28.0	28.0	34.0	25.0	31.0	29.5	28.5	31.5	29.0	26.5	31.5	27.0	30.0	28.5	29.0	32.0	31.5	29.0	28.5	30.0	25.5	29.0	27.5	18.0	31.0	29.0	28.5	22.0	33.0	33.0	31.0	27.0	31.0	28.5	21.5	40.0
New Jersey	27.5	22.0	20.0	28.0	25.0	23.5	24.0	21.0	23.5	24.0	26.5	30.0	27.5	27.0	24.5	31.5	28.0	31.0	24.0	26.5	29.0	23.0	28.0	25.0	18.5	23.5	26.0	24.5	27.0	32.0	31.5	25.5	19.5	24.0	29.5	16.0	32.5
Pennsylvania	31.5	29.5	24.0	33.5	28.5	27.0	27.0	25.0	21.0	27.0	28.0	31.5	28.5	27.5	26.0	29.0	26.0	30.0	28.0	25.0	29.0	28.0	28.0	27.6	17.5	37.0	25.0	26.5	23.5	32.5	29.5	28.0	23.0	31.7	28.0	18.5	34.0
Ohio	32.0	31.0	29.0	33.0	31.0	34.5	30.0	27.0	23.5	27.0	26.5	33.5	33.5	31.5	28.5	30.5	29.0	34.5	32.5	35.5	32.5	33.5	33.5	33.0	20.0	31.0	28.0	30.0	31.0	31.5	30.5	31.0	32.0	36.0	38.0	32.5	41.0
Indiana	31.5	32.0	28.0	31.5	29.5	29.0	31.0	24.0	20.0	25.0	23.0	28.0	31.5	25.0	22.5	25.0	29.0	30.5	31.0	30.5	31.0	27.5	28.0	28.6	18.0	26.0	26.5	28.0	33.0	23.0	29.0	31.0	29.0	34.0	34.5	28.5	36.5
Illinois	34.0	30.0	32.0	32.5	28.0	33.0	36.5	30.0	17.5	33.0	20.0	37.0	36.0	32.2	34.0	33.5	38.0	36.5	34.5	35.0	33.0	30.0	35.0	35.6	21.0	35.0	28.0	30.0	37.0	24.5	29.0	33.0	28.5	39.5	40.0	29.5	38.0
Michigan	35.0	29.5	30.0	35.5	35.0	34.0	30.0	30.0	27.0	35.0	31.5	37.0	32.0	34.0	30.0	33.0	34.0	34.5	36.0	36.0	32.0	31.5	35.5	34.0	28.5	35.5	30.0	26.5	29.0	26.5	32.0	28.0	34.5	35.6	37.5	30.5	39.0
Wisconsin	33.0	34.5	31.5	39.0	30.5	37.5	31.5	30.0	28.0	36.0	29.5	38.5	34.0	34.5	33.5	33.5	36.5	32.5	35.0	33.0	27.5	26.5	33.5	37.5	29.0	34.0	31.0	28.5	34.5	34.0	32.5	35.0	36.0	35.5	34.5	29.5	39.5
Minnesota	25.0	36.0	37.0	38.0	33.0	33.5	36.5	36.0	30.0	35.0	25.0	33.5	39.5	38.0	34.0	35.5	36.0	35.0	35.5	33.0	34.5	30.0	28.5	31.6	23.5	35.0	30.0	25.0	28.0	39.0	33.0	30.0	35.5	33.6	24.0	31.0	38.0
Iowa	34.5	40.0	31.0	35.0	30.0	40.0	35.5	33.0	30.0	36.0	25.0	38.0	36.5	33.6	35.0	29.0	31.5	36.0	37.0	34.0	35.0	30.5	29.0	39.1	30.5	39.5	25.5	25.0	25.5	46.0	26.0	30.0	33.0	35.9	35.5	30.0	33.5
Missouri	30.5	30.0	30.0	30.0	25.0	25.5	28.5	25.0	21.0	28.5	17.5	28.0	26.5	21.5	25.0	23.5	28.5	26.5	24.5	24.5	24.5	26.5	23.5	23.7	16.0	20.0	19.0	21.0	19.0	24.5	15.0	19.0	15.0	22.4	25.5	10.0	28.0
North Dakota																	32.5	33.5	31.5	32.0	22.5	28.0	26.5	14.3	19.5	30.0	27.5	22.0	26.0	29.0	23.0	24.0	30.0	28.3	10.5	32.5	38.5
South Dakota																	31.0	32.0	30.0	31.0	21.5	26.0	25.5	14.0	18.5	28.0	26.0	21.5	7.5	25.0	26.0	22.0	28.5	28.1	21.0	27.0	35.0
Nebraska	38.5	31.5	30.5	35.0	31.0	27.5	37.5	30.0	23.0	27.5	20.0	23.5	28.0	26.2	21.0	31.5	34.0	33.0	28.0	32.5	30.0	28.5	27.5	29.2	22.5	32.5	26.5	16.0	15.0	26.0	19.0	31.0	32.0	30.1	22.0	19.0	33.5
Kansas	36.0	33.0	30.0	37.5	29.5	31.5	32.5	30.0	20.0	28.5	27.0	33.5	32.0	23.5	22.0	29.0	35.0	39.0	35.0	31.5	30.0	31.5	33.5	30.5	24.0	32.5	28.5	18.5	18.0	20.0	13.0	24.0	20.5	27.2	31.5	17.5	32.5
Delaware	22.0	24.0	8.5	20.5	22.5	16.0	20.0	18.5	19.0	18.5	22.5	23.5	19.5	22.1	17.5	20.0	23.0	22.0	20.0	23.0	22.0	21.0	20.5	19.8	15.0	23.0	22.5	25.0	24.5	27.0	26.5	24.5	22.5	25.1	25.5	23.5	27.0
Maryland	23.5	18.5	13.0	20.0	23.0	16.0	14.0	18.5	14.0	18.5	21.5	22.0	20.0	17.7	18.0	22.0	18.5	22.5	20.0	23.0	23.5	22.0	23.0	20.4	12.0	22.0	20.5	23.0	21.5	30.5	29.0	26.0	20.5	24.9	25.5	19.0	25.5
Virginia	14.0	11.5	10.5	12.5	12.5	9.0	9.0	12.5	8.0	9.5	11.5	12.5	12.0	9.5	7.0	9.5	7.5	10.0	11.0	13.0	12.0	11.5	11.0	11.5	8.0	10.0	12.0	14.5	10.5	13.0	11.5	12.0	12.5	12.0	12.0	13.5	14.0
West Virginia	22.0	21.0	23.5	24.2	23.0	20.0	21.0	22.5	15.0	15.5	21.0	23.0	20.5	17.0	18.0	20.0	14.0	20.5	19.5	21.0	21.5	19.5	19.0	21.0	10.0	18.0	21.5	22.5	17.5	21.0	23.0	20.0	19.0	23.0	21.5	18.5	24.0
North Carolina	13.0	12.0	13.5	13.5	13.0	8.0	13.5	12.5	9.5	11.0	10.5	12.5	11.0	11.3	8.5	10.0	14.0	10.5	11.5	9.5	11.0	12.0	9.5	10.5	9.0	10.5	12.0	14.0	11.0	14.0	12.0	14.5	14.0	11.0	13.5	14.0	12.0
South Carolina	9.0	14.0	10.0	13.5	13.0	8.0	9.0	12.5	10.0	11.0	13.0	10.5	11.0	12.5	11.0	8.5	15.0	10.0	11.5	8.5	10.0	11.5	12.5	12.0	10.5	14.0	15.0	14.0	12.0	14.0	11.0	15.5	16.5	12.8	15.5	16.5	12.0
Georgia	11.0	12.5	12.5	12.5	13.5	8.0	12.0	14.0	11.5	12.0	13.5	12.5	14.0	12.5	9.0	10.5	13.0	12.0	11.0	11.5	10.0	11.5	11.5	11.0	9.5	12.0	12.5	14.0	13.5	15.0	12.0	15.0	14.5	11.5	14.5	16.0	12.5
Florida	9.0	12.0	10.5	11.5	11.0	10.0	10.0	11.0	9.0	10.0	11.5	11.0	11.5	12.0	6.0	9.5	10.5	12.0	11.0	11.5	11.0	12.5	11.5	10.0	9.0	11.5	10.0	12.0	12.0	10.5	12.0	10.5	11.5	10.0	11.5	13.0	13.5
Kentucky	19.0	17.5	20.5	18.5	18.0	18.5	19.0	18.5	12.5	16.0	17.0	20.0	20.0	15.0	16.0	17.5	18.5	17.0	17.5	19.0	19.0	17.0	16.0	17.5	9.0	15.5	16.0	18.0	15.5	20.0	18.0	16.0	18.0	19.5	19.5	17.5	18.0
Tennessee	19.0	15.0	17.5	16.5	18.0	15.0	17.0	17.5	10.0	14.0	13.5	15.0	18.0	15.0	10.5	15.5	14.0	15.0	15.5	17.5	16.0	14.0	15.0	15.0	8.0	13.5	15.5	18.5	13.0	18.0	12.0	14.0	14.0	12.5	16.0	16.5	16.0
Alabama	10.0	12.0	11.0	12.0	12.5	10.0	11.5	13.0	10.5	12.5	11.5	11.0	13.5	12.5	10.0	11.5	13.0	12.0	12.5	12.5	12.0	11.0	11.5	11.0	10.5	11.5	12.5	13.0	12.0	14.0	12.5	13.0	14.0	10.0	14.5	14.5	10.5
Mississippi	11.5	14.0	11.0	12.5	14.0	12.0	10.0	12.0	11.0	13.5	11.0	11.5	11.5	11.0	11.0	10.5	14.0	11.5	13.0	11.5	11.5	12.5	11.5	11.0	13.0	12.0	16.0	15.0	13.5	15.5	14.0	16.0	17.0	11.0	16.0	16.0	14.0
Arkansas	14.0	17.5	18.5	19.5	18.5	17.0	18.5	18.5	12.0	21.0	11.5	19.0	18.5	17.0	17.0	17.0	22.0	20.0	19.5	21.0	18.0	17.5	19.5	20.5	17.0	20.0	20.5	19.5	18.5	17.0	16.0	21.0	18.0	18.5	22.0	12.5	20.0
Louisiana	7.0	15.0	13.0	16.0	14.0	16.0	12.5	15.0	14.0	14.5	14.0	15.0	14.0	11.5	13.0	11.0	14.5	11.5	13.5	13.5	9.0	12.5	11.0	12.5	13.5	13.0	16.0	16.0	17.5	16.5	12.0	19.0	18.5	13.0	18.5	14.0	17.0
Oklahoma																																34.0	22.0	30.0	30.0	18.0	34.0
Texas	25.5	26.5	26.5	28.5	26.0	25.5	25.5	27.5	26.0	28.5	26.0	28.5	21.5	21.0	24.0	27.0	26.0	25.0	26.0	27.5	20.5	21.0	23.5	24.0	20.0	28.0	27.5	23.5	29.0	26.5	21.5	34.0	29.5	28.6	38.0	16.5	25.0
Montana																	38.5	35.5	34.5	37.5	35.5	36.5	36.5	29.1	34.0	36.0	34.5	30.5	37.0	35.5	33.5	35.0	38.5	35.4	32.5	38.0	38.0
Idaho																	36.0	37.5	32.0	32.0	28.0	32.0	32.0	27.0	30.0	37.0	34.0	36.0	39.0	35.0	38.5	32.5	37.5	34.0	35.0	33.5	37.5
Wyoming																								26.6	30.0	31.0	29.0	28.5	30.5	28.5	31.0	27.5	29.5	28.4	23.0	30.5	29.5
Colorado														28.0	27.0	27.5	34.0	28.5	32.0	32.0	29.0	27.0	24.0	28.6	20.0	28.0	26.5	24.5	27.0	34.0	22.0	34.0	34.0	29.0	29.5	32.0	24.5
New Mexico																	16.5	18.0	20.0	20.5	28.0	23.5	25.0	20.8	21.5	20.0	23.5	24.5	29.5	31.0	20.5	33.5	33.5	21.6	27.0	21.5	17.5
Arizona																																		26.4	30.0	35.0	29.0
Utah																	25.0	25.0	26.0	31.5	30.0	28.0	28.5	26.3	29.5	33.0	31.5	30.0	33.0	37.0	36.0	35.0	38.0	33.1	33.5	35.5	36.0
Nevada																																		31.6	35.0	35.0	35.0
Washington																	44.5	44.0	41.0	43.5	40.5	41.0	43.0	35.0	41.5	39.5	42.5	46.5	41.0	42.5	39.5	53.0	43.0	42.1	34.5	51.0	47.0
Oregon				38.0	32.0	26.0	24.0	33.0	32.0	30.0	33.0	30.0	26.0	29.0	27.0	28.5	28.0	25.5	28.5	31.0	26.5	28.0	28.5	27.2	28.0	30.0	26.5	28.5	25.5	31.0	17.0	32.0	27.0	25.7	19.0	31.5	30.0
California		33.0	30.0	36.0	29.5	34.0	20.0	24.0	30.0	26.0	29.0	20.0	24.0	27.0	29.0	24.5	29.0	27.0	31.5	30.0	28.5	28.0	28.0	25.5	27.0	29.5	29.0	28.0	32.0	25.0	32.0	31.5	27.0	32.3	27.5	31.5	30.5
United States	29.3	27.2	25.8	29.7	25.9	27.7	27.7	25.6	21.3	26.8	22.4	29.4	28.0	26.0	25.5	26.4	28.3	29.4	29.1	28.9	27.9	26.5	27.8	29.0	21.5	30.1	25.6	24.2	25.4	29.9	25.6	28.8	28.7	32.0	30.5	25.9	34.3

TABLE 48.—*Oats, for grain: Yield per acre (bushels)*—Continued

State	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine	37.5	34.0	37.0	35.0	34.0	30.0	35.0	39.5	32.5	31.0	36.5	37.0	37.0	34.0	29.0	37.0	31.0	41.0	35.0	34.0	37.0	38.0	41.0	36.0	36.0	34.0	37.9	39.5	32.0	38.0	40.0	40.0	36.0	35.0	35.0	34.0	38.0
New Hampshire	35.0	37.0	37.0	38.5	36.5	35.0	35.6	39.0	34.0	38.0	35.0	36.5	33.5	34.0	35.0	34.0	33.0	39.0	34.0	36.0	37.0	37.5	37.0	40.0	37.0	37.0	39.0	40.0	37.0	38.0	36.5	37.0	37.0	38.0	35.0	36.0	37.0
Vermont	37.0	36.5	37.0	35.0	32.0	31.0	30.0	35.5	30.0	37.0	33.0	34.0	36.0	25.5	32.0	37.0	29.0	30.0	28.0	30.0	31.0	34.0	33.0	31.0	31.0	30.0	31.0	32.0	32.0	33.0	30.0	32.0	30.0	32.0	28.0	31.0	33.0
Massachusetts	36.0	38.0	37.0	37.5	34.5	37.0	34.0	37.5	35.0	34.0	33.0	37.0	35.5	32.0	33.0	36.0	30.5	34.0	31.0	30.0	31.0	35.0	32.0	34.0	29.0	32.0	30.0	34.0	32.0	33.0	30.0	35.0	35.0	34.0	30.0	34.0	33.0
Rhode Island	34.0	32.5	35.0	31.5	32.0	33.5	28.0	34.0	31.0	28.0	26.0	27.5	32.0	27.5	31.0	34.0	29.0	32.0	32.0	31.0	32.0	32.0	33.0	32.0	32.0	29.0	32.0	33.0	31.0	33.0	33.0	31.0	33.0	32.0	30.0	30.0	31.0
Connecticut	31.5	32.0	34.0	31.5	31.5	32.0	27.0	34.5	31.5	30.5	28.0	30.0	32.5	30.0	33.0	32.0	27.0	34.0	32.0	26.0	27.0	29.0	32.0	29.0	31.0	25.0	29.0	30.5	27.0	31.0	25.0	31.0	33.0	27.0	29.0	30.0	25.0
New York	34.0	33.5	34.0	32.5	31.0	30.0	27.0	33.0	28.5	30.0	31.5	29.5	38.5	25.0	34.0	39.0	23.0	35.0	22.0	28.0	29.5	33.0	34.0	30.5	32.5	30.5	23.0	38.0	27.0	31.0	20.5	27.5	30.0	22.0	25.0	34.0	33.0
New Jersey	25.0	31.5	30.0	26.5	29.0	29.0	24.0	32.0	29.5	23.5	25.5	25.5	29.0	27.5	33.0	36.0	26.0	28.0	23.0	27.0	23.0	27.0	25.0	29.0	31.0	26.0	25.5	32.0	31.0	26.0	28.0	32.0	32.0	32.0	30.0	25.5	28.0
Pennsylvania	27.0	33.0	31.5	25.5	29.0	27.0	25.0	35.0	28.0	31.5	30.5	29.0	36.0	29.0	34.0	36.5	27.0	36.5	25.5	29.5	25.0	33.5	32.0	32.0	32.0	29.0	26.5	34.5	29.5	25.5	22.5	27.5	29.0	26.5	27.0	33.5	29.0
Ohio	30.5	41.0	34.5	32.5	23.0	26.5	32.2	38.0	32.0	44.0	30.0	30.5	39.5	28.0	41.0	43.5	32.5	42.0	23.0	27.0	34.0	41.0	40.0	39.0	31.0	35.0	29.0	34.5	36.0	29.0	21.5	22.5	36.0	33.5	28.5	33.0	32.5
Indiana	24.0	32.0	35.5	28.0	20.0	20.5	30.3	35.5	30.0	40.0	21.5	28.5	40.0	29.5	41.0	42.0	30.6	40.0	24.0	21.0	28.0	36.5	28.0	30.0	25.0	37.0	28.5	30.0	31.5	30.0	17.5	15.5	26.0	27.0	31.0	26.0	25.0
Illinois	27.0	32.0	35.5	30.0	25.0	22.0	36.0	38.0	29.0	43.0	24.0	29.5	45.0	37.0	45.0	41.0	30.0	39.5	26.5	28.5	35.0	39.0	32.5	27.5	25.5	37.5	33.5	33.5	34.0	37.5	20.0	13.0	28.0	28.5	45.5	31.5	30.0
Michigan	32.0	33.0	36.0	30.0	21.0	29.0	30.7	33.0	29.5	35.0	29.5	33.5	40.0	30.0	36.5	39.4	24.4	39.5	18.5	31.0	29.5	39.8	30.5	31.0	32.0	33.5	28.0	35.0	30.5	27.0	22.5	24.0	33.5	25.5	28.0	35.0	37.5
Wisconsin	31.0	33.0	36.0	37.5	22.0	31.0	33.0	25.5	29.0	37.0	35.5	27.0	46.5	34.0	41.5	44.0	30.5	39.0	25.2	36.5	34.0	35.5	42.0	34.5	35.0	38.0	32.0	40.0	28.0	35.0	28.5	27.3	32.5	24.0	32.0	31.0	32.5
Minnesota	30.0	33.5	35.0	32.0	23.0	21.0	31.5	25.0	23.5	39.5	35.5	25.5	42.5	26.5	35.5	39.0	26.5	36.0	23.0	34.0	35.5	41.6	40.5	27.0	26.0	35.5	34.1	37.5	27.0	36.0	21.5	19.0	37.0	23.5	39.0	33.0	38.5
Iowa	25.5	32.0	37.0	34.5	25.5	25.5	27.5	37.5	26.0	43.0	33.5	33.5	39.5	36.5	47.0	41.5	34.1	39.0	26.0	37.1	36.2	39.5	39.2	31.6	31.9	38.4	35.6	37.0	31.0	35.5	23.0	13.0	34.5	28.0	46.0	35.0	30.5
Missouri	18.5	19.0	23.0	18.5	18.5	16.5	23.1	30.0	12.0	29.5	18.5	19.0	23.0	22.0	31.0	25.0	24.0	26.0	17.0	14.0	21.0	21.0	23.0	18.0	16.0	24.0	19.0	24.0	27.0	19.0	18.5	13.0	22.0	17.5	28.0	24.0	22.0
North Dakota	27.5	34.5	37.0	31.0	24.5	22.5	30.7	8.0	24.5	41.5	25.5	28.5	39.5	21.5	15.0	24.5	15.0	23.0	18.0	30.0	22.0	30.5	25.5	17.5	21.0	28.5	18.0	21.5	14.0	21.0	13.0	13.7	24.0	11.0	22.5	22.5	23.5
South Dakota	37.5	37.5	37.0	36.0	24.5	24.0	28.0	19.5	8.0	32.5	24.0	25.0	41.0	30.0	33.5	37.5	27.8	33.0	22.5	30.5	32.5	35.2	32.5	14.0	28.5	27.0	27.5	29.5	11.5	32.5	8.0	9.6	29.5	14.0	21.0	30.0	27.0
Nebraska	28.5	30.5	31.0	29.0	20.0	22.0	22.6	27.0	14.0	24.0	26.0	31.0	30.5	33.5	34.5	20.0	29.5	33.0	26.5	22.5	30.5	26.7	25.0	20.0	26.5	30.0	30.5	29.0	21.5	29.5	10.5	7.4	28.5	11.5	21.0	29.5	14.5
Kansas	25.0	18.0	27.0	23.5	15.0	20.0	24.6	33.0	15.0	31.0	18.5	31.0	26.5	23.0	31.0	22.0	25.6	28.0	19.1	16.5	22.3	23.0	20.5	18.5	20.5	25.4	21.0	28.0	28.0	21.5	17.0	14.5	26.5	19.0	24.0	23.5	15.5
Delaware	24.0	28.0	30.0	26.0	27.5	28.0	23.2	30.0	25.0	29.0	27.0	23.5	29.0	25.5	27.0	28.0	20.0	33.0	25.0	23.0	24.0	30.0	25.0	29.0	27.0	30.0	28.5	32.5	32.5	27.0	30.0	29.0	31.0	30.5	29.0	32.0	29.0
Maryland	20.5	29.0	27.0	24.0	26.0	25.5	24.0	29.0	24.5	27.0	24.5	23.5	29.5	25.5	28.0	28.5	23.5	29.0	25.5	26.5	27.5	29.5	27.5	28.5	29.0	27.5	28.0	30.0	29.5	24.5	23.5	31.0	28.0	29.0	28.5	32.0	27.5
Virginia	11.0	14.5	13.5	14.0	13.5	15.5	14.5	18.5	16.0	18.0	17.5	13.5	19.0	18.0	19.5	19.5	17.8	19.0	18.0	15.8	19.5	18.0	17.0	21.0	18.5	21.0	19.0	17.5	24.0	18.0	18.5	19.0	20.0	16.5	21.0	21.5	20.0
West Virginia	20.5	25.0	22.5	19.5	19.5	18.0	21.0	24.0	19.0	24.0	20.5	18.0	27.0	20.5	25.0	24.0	19.0	26.0	23.0	22.0	23.0	20.0	21.5	22.0	20.5	22.5	21.5	19.0	21.0	19.5	18.0	18.5	20.5	18.0	20.0	21.0	20.0
North Carolina	11.0	15.0	15.0	15.0	15.0	14.0	13.0	15.5	13.0	15.5	16.5	14.5	18.0	15.0	13.5	14.5	14.0	16.5	18.0	17.0	18.0	16.0	15.5	15.0	15.5	16.0	19.0	18.5	23.0	19.0	16.5	18.0	21.5	14.0	21.0	22.0	22.5
South Carolina	14.0	17.0	16.0	18.5	19.5	19.5	20.0	21.0	19.0	21.0	22.5	18.5	18.0	16.0	17.5	22.0	23.0	23.5	23.0	22.0	22.5	20.2	19.0	22.0	21.0	21.5	23.0	22.0	23.5	20.5	19.5	18.0	23.5	18.5	22.0	22.8	23.5
Georgia	15.0	15.5	16.0	15.0	17.0	17.5	18.0	16.5	17.5	17.5	18.5	17.5	16.5	17.5	14.5	18.5	17.5	18.5	18.5	17.5	16.5	15.5	15.0	20.5	18.5	19.5	18.5	19.5	22.0	16.0	16.5	18.0	19.5	18.0	19.5	22.5	21.0
Florida	12.5	12.0	11.5	12.5	13.0	14.5	15.5	14.0	13.5	14.0	13.0	13.0	15.0	13.0	12.0	16.0	13.5	15.0	11.5	12.0	12.0	13.5	12.5	16.7	11.0	15.0	14.0	16.0	18.0	12.5	12.0	13.0	14.0	16.0	14.5	15.5	15.5
Kentucky	15.5	19.5	19.0	16.0	13.5	11.5	17.5	20.0	14.0	20.5	13.5	15.0	20.5	16.0	20.0	19.0	17.5	19.0	16.0	15.5	17.5	18.0	16.5	19.0	15.0	20.0	15.5	13.0	20.0	13.5	15.5	14.2	16.0	13.5	21.0	19.5	17.0
Tennessee	17.0	19.0	17.0	17.5	16.0	16.5	16.0	18.5	15.5	17.5	16.0	17.5	17.5	15.0	17.0	19.0	17.0	18.0	18.5	15.5	15.5	18.0	16.5	19.5	14.0	16.5	15.0	15.0	20.0	15.4	16.0	15.5	14.0	11.0	18.5	20.0	17.0
Alabama	15.0	14.0	14.5	15.0	16.0	15.0	15.0	17.0	17.0	17.0	18.0	19.0	15.0	14.0	13.5	15.0	14.0	18.0	18.0	20.0	17.0	15.0	17.0	20.0	15.5	17.0	19.5	16.0	22.0	15.0	16.0	20.5	19.0	17.0	21.0	24.0	21.5
Mississippi	14.5	18.0	16.5	18.0	15.5	15.0	15.0	17.0	16.5	16.5	19.0	20.0	19.5	17.5	15.5	16.0	16.0	17.0	20.0	19.0	19.0	15.5	19.0	22.0	19.0	20.0	24.0	17.0	27.0	15.0	16.0	21.5	20.0	26.0	28.0	28.5	36.0
Arkansas	18.0	21.0	22.0	19.5	14.0	18.0	19.5	22.0	14.0	16.0	18.0	17.5	20.0	16.0	23.0	21.0	19.0	21.0	19.5	20.0	21.0	17.5	16.0	18.5	17.0	19.0	18.5	18.5	24.0	15.0	16.0	19.5	17.0	20.5	22.0	19.0	22.0
Louisiana	16.0	18.5	17.0	18.0	14.5	16.5	17.0	21.0	16.0	19.0	20.0	23.0	21.0	18.5	19.0	21.5	20.0	23.0	23.0	23.5	19.0	19.0	25.5	28.0	16.5	26.0	25.5	24.0	29.0	16.0	16.5	24.0	22.5	28.0	31.0	27.0	32.0
Oklahoma	26.0	20.0	30.0	30.5	14.0	25.0	27.3	34.0	10.0	24.5	18.0	27.5	25.0	12.5	21.0	23.0	29.0	28.0	16.5	17.0	17.5	22.5	19.0	23.0	17.0	21.5	21.0	22.5	26.0	18.0	18.5	16.5	25.0	16.0	20.5	21.0	17.0
Texas	30.0	32.0	31.5	35.0	18.5	28.5	16.0	32.5	21.0	35.0	28.0	24.5	31.0	25.0	23.5	14.5	35.0	25.0	18.0	22.0	28.0	30.0	18.0	34.0	22.0	22.0	24.0	25.0	34.0	24.0	17.0	23.0	23.0	18.5	24.0	26.0	23.0
Montana	37.5	29.5	36.5	37.0	41.0	36.5	41.4	33.0	41.0	44.0	40.0	35.0	45.0	38.0	20.0	28.0	13.5	30.0	24.0	32.0	33.0	26.0	22.5	26.0	39.0	36.5	19.0	17.5	17.5	26.0	17.0	25.0	22.5	16.5	24.0	36.0	27.5
Idaho	38.0	35.5	35.0	33.5	35.0	32.0	37.4	28.5	34.0	39.0	36.5	34.0	37.0	33.0	28.0	30.0	27.5	35.0	35.5	30.0	37.0	26.5	37.5	35.5	37.5	37.0	34.5	38.0	30.0	36.0	32.0	35.0	35.0	36.0	40.0	39.0	38.0
Wyoming	28.0	30.5	35.0	31.0	32.0	32.5	32.5	27.0	29.5	35.0	33.0	30.0	35.0	25.0	32.5	34.5	17.5	30.0	23.5	25.0	27.0	23.5	29.0	27.5	30.0	27.0	24.5	22.5	22.5	23.0	21.0	25.5	26.0	25.0	26.0	27.0	26.0
Colorado	32.0	35.5	35.0	38.0	35.0	31.5	38.0	32.0	28.0	38.0	30.0	35.0	33.0	28.5	32.0	30.0	26.0	31.5	29.5	25.0	30.5	26.0	25.5	26.0	29.0	30.0	29.0	30.0	24.5	26.0	25.5	25.0	28.0	28.0	31.0	31.0	29.0
New Mexico	22.5	20.0	26.5	26.0	25.0	20.0	21.4	15.0	23.5	23.5	19.5	26.0	23.0	20.0	20.5	23.0	27.4	26.0	23.0	15.6	18.0	16.5	15.0	24.0	22.0	20.0	21.8	21.0	26.0	23.0	22.0	27.3	26.0	20.0	25.0	22.0	22.0
Arizona	34.5	31.0	32.5	34.0	30.0	32.5	32.3	33.0	31.0	34.0	30.0	32.0	31.5	29.0	31.0	33.0	33.0	19.0	27.0	24.0	21.0	24.0	30.0	26.0	28.0	32.0	25.0	30.0	30.0	28.0	27.0	21.0	26.0	30.0	26.0	26.0	23.0
Utah	37.5	39.5	39.0	40.0	39.0	39.5	40.0	39.5	40.0	41.0	39.0	44.5	39.5	37.0	38.0	39.0	27.9	33.8	33.5	32.0	34.0	32.8	35.0	35.0	39.5	37.5	38.3	38.0	32.0	35.0	33.0	34.0	38.0	36.0	38.0	39.0	35.0
Nevada	30.0	38.0	38.0	40.0	42.0	43.0	42.7	41.0	42.5	40.0	43.0	45.0	44.0	43.0	40.0	38.0	27.0	45.0	35.0	40.0	44.0	30.0	42.0	28.0	39.0	38.0	34.0	35.0	28.0	38.0	30.0	36.3	38.0	38.0	35.0	40.0	35.0
Washington	47.5	44.5	50.0	44.0	50.0	42.0	49.0	42.5	48.0	50.5	47.5	49.0	50.0	52.0	38.5	33.5	42.0	46.0	52.0	37.0	54.0	38.5	43.5	44.0	48.5	49.0	48.0	48.5	49.0	50.0	53.0	39.5	47.5	51.0	52.0	42.5	49.0
Oregon	33.0	23.5	24.0	34.0	31.5	30.5	32.1	30.5	31.0	34.0	37.0	31.0	36.0	37.5	25.0	20.0	30.5	32.0	29.0	23.5	32.0	28.0	28.5	25.0	29.5	31.0	36.0	35.0	32.0	29.0	26.0	22.6	29.0	34.0	37.0	25.0	33.5
California	29.0	28.0	24.0	28.0	22.0	24.0	22.0	28.0	23.5	27.5	25.0	30.0	26.5	23.5	29.0	27.0	24.0	23.0	24.0	29.0	27.0	18.2	29.0	26.5	22.5	28.0	24.4	29.0	21.0	24.5	23.5	28.0	32.0	30.0	38.0	28.0	29.0
United States	27.5	30.9	33.0	38.4	23.3	24.2	28.9	30.0	23.8	36.3	27.9	28.7	37.0	29.1	34.7	33.6	27.9	33.8	23.0	28.5	30.5	33.8	31.8	26.9	27.1	32.7	29.2	32.0	27.9	30.0	20.1	18.4	30.0	23.5	32.9	30.0	28.3

TABLE 49.—*Rye, for grain: Yield per acre (bushels)*

State	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902
Maine	12.0	12.0	10.5	14.0	12.0	11.5	13.0	9.5	12.0	12.0	11.0	13.5	10.5	12.2	9.5	12.0	12.0	12.5	13.5	12.0	11.5	11.5	11.5	8.4	7.5	12.5	12.5	13.0	14.5	15.0	12.0	15.0	15.5	15.0	15.5	----	----
New Hampshire	10.0	10.5	9.0	13.5	7.5	11.0	10.5	9.5	11.5	11.5	9.5	13.0	10.0	10.2	11.0	10.5	11.0	11.5	10.0	11.5	11.0	10.5	10.5	11.3	8.5	12.5	11.5	11.0	12.0	15.0	12.5	14.5	17.0	----	----	----	----
Vermont	16.0	16.0	17.0	15.0	13.0	13.0	14.5	13.0	14.5	13.5	16.0	15.5	15.0	11.4	14.5	15.0	17.0	16.0	14.5	14.0	15.0	12.0	13.0	12.8	13.0	15.0	13.5	14.0	16.5	13.5	14.0	14.0	17.0	14.2	13.0	17.0	13.0
Massachusetts	11.0	10.5	10.5	11.0	10.0	10.5	10.0	10.5	11.0	10.0	10.5	11.0	10.0	9.9	10.5	10.5	11.0	11.0	10.5	11.5	11.5	11.0	11.5	11.0	12.0	13.0	12.5	14.0	14.0	13.5	14.5	12.5	15.0	13.2	13.0	15.0	16.5
Rhode Island	13.5	12.5	14.0	18.5	14.5	15.5	14.0	14.5	17.5	15.0	12.0	14.0	14.0	10.2	15.0	14.0	14.5	13.5	13.0	15.0	15.5	14.5	15.0	12.3	13.5	16.5	16.5	15.5	----	----	----	----	----	----	----	----	----
Connecticut	15.0	14.5	14.5	12.3	12.0	12.5	13.0	13.5	14.5	13.0	12.5	13.0	14.5	12.4	13.0	13.5	13.5	13.5	11.0	13.0	14.0	13.0	14.0	13.4	12.5	15.0	15.5	15.5	17.5	18.0	18.5	18.5	19.5	19.8	20.0	18.5	18.0
New York	14.0	12.5	12.0	12.0	10.5	12.5	11.5	11.5	12.5	11.0	11.5	12.5	12.0	11.0	12.0	12.5	13.0	12.0	12.5	12.5	13.0	12.5	13.0	13.0	13.0	14.0	13.5	14.0	14.0	13.5	13.0	14.0	13.5	14.0	13.5	13.0	15.0
New Jersey	10.0	9.5	8.5	10.0	8.0	10.0	8.5	9.0	9.5	9.0	9.0	9.5	9.0	9.0	9.5	10.0	10.0	10.5	10.5	10.5	11.5	10.0	11.5	11.3	11.0	13.0	12.5	13.5	12.5	11.0	13.0	13.0	12.0	12.2	13.5	13.0	12.5
Pennsylvania	11.5	11.5	9.5	10.7	9.0	10.5	9.0	10.0	10.0	9.5	10.0	10.5	10.0	9.2	10.0	10.0	11.5	10.0	11.5	9.5	12.0	9.5	12.0	11.1	11.5	13.0	12.0	12.0	11.5	11.5	10.5	13.0	11.5	12.6	13.0	13.0	12.0
Ohio	11.0	17.0	13.0	14.4	13.0	13.0	12.5	13.0	13.0	10.5	12.0	13.5	13.5	13.2	13.0	14.5	13.0	10.5	14.5	14.0	16.0	15.0	15.0	16.9	14.5	18.5	15.5	17.5	17.5	14.5	10.0	18.5	17.0	14.6	12.0	13.5	15.0
Indiana	12.0	13.5	13.0	11.9	11.5	11.5	11.5	11.0	11.5	9.0	11.0	12.5	11.5	11.9	12.0	11.0	13.0	12.0	13.0	13.0	13.5	14.0	13.5	14.0	11.5	15.0	10.5	11.5	16.0	10.0	8.5	11.5	13.5	13.0	14.0	12.5	14.5
Illinois	16.5	16.8	16.0	15.9	16.0	16.2	16.1	15.3	15.6	15.4	14.6	16.6	15.8	16.2	15.5	14.5	15.9	15.0	15.4	15.0	15.5	15.4	16.0	15.9	14.7	16.0	14.0	15.0	17.0	14.0	15.0	15.5	15.0	15.0	16.0	16.5	16.5
Michigan	15.0	16.0	15.5	14.0	12.5	14.0	13.5	13.5	13.5	13.5	13.5	14.5	13.5	12.9	13.0	12.5	15.0	14.0	15.0	15.5	14.0	13.5	14.5	14.9	16.0	15.0	13.0	13.5	14.0	12.0	11.0	14.5	14.0	12.2	13.5	11.0	12.0
Wisconsin	14.0	14.5	14.5	15.0	11.5	15.0	14.5	13.0	13.0	14.0	13.5	14.5	15.0	13.5	14.5	14.0	14.0	14.5	14.0	12.5	12.5	12.5	15.0	15.5	15.0	12.0	14.5	15.0	14.0	13.5	15.5	14.5	14.5	14.5	14.5	14.0	16.5
Minnesota	----	16.5	16.0	16.3	16.0	15.5	16.0	16.0	15.5	15.5	14.0	16.5	16.5	15.8	16.5	16.5	17.0	17.0	17.5	18.0	18.0	17.0	19.0	19.9	19.0	19.5	18.5	17.5	17.5	18.0	17.0	16.0	18.0	15.7	13.5	15.5	19.0
Iowa	16.0	16.5	14.5	14.0	15.5	15.0	15.0	15.0	14.5	14.0	13.5	15.5	15.0	14.8	14.5	13.0	15.0	14.5	14.5	14.5	15.0	13.5	15.0	15.4	14.5	17.0	13.5	14.0	14.0	17.0	14.0	14.0	15.0	15.5	14.5	15.0	16.0
Missouri	14.0	13.5	12.5	11.5	11.5	11.5	10.0	11.5	11.0	10.0	11.0	12.0	11.0	11.5	11.0	9.5	12.5	10.0	12.0	11.0	12.0	13.0	12.0	12.7	11.5	12.5	11.0	11.0	12.0	9.0	10.0	10.0	9.0	10.4	10.0	7.0	14.0
North Dakota	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	11.5	11.5	11.0	11.0	10.0	10.5	10.5	7.8	8.0	11.0	11.5	6.5	7.0	13.0	13.0	12.5	12.5	13.2	5.0	13.0	17.5
South Dakota	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	13.5	13.5	12.5	13.0	11.5	11.5	11.5	7.1	7.5	11.5	11.0	7.0	4.0	6.5	6.5	12.0	12.5	11.6	8.0	14.5	14.0
Nebraska	15.0	14.5	15.0	15.0	14.0	13.5	16.0	15.5	13.5	13.0	15.0	15.5	14.5	12.4	9.5	13.5	16.0	14.5	15.0	13.5	13.5	11.0	13.5	13.3	12.0	14.0	13.0	9.5	4.0	9.5	12.5	12.0	13.5	10.6	11.0	12.0	16.0
Kansas	----	----	----	14.5	15.0	15.0	15.0	15.0	13.0	13.0	13.5	14.0	13.5	11.9	10.0	11.5	16.0	15.0	15.0	12.0	13.0	8.0	13.0	14.6	13.0	14.5	14.0	6.5	8.0	8.5	10.0	12.5	13.0	10.0	14.0	13.0	11.0
Delaware	9.5	7.0	6.5	7.7	7.5	7.5	7.5	7.5	7.5	7.5	7.5	8.0	6.0	7.7	12.5	7.0	8.5	9.0	10.0	7.5	9.5	10.0	11.0	8.5	12.0	12.5	12.5	----	----	----	----	----	----	11.2	11.5	12.0	9.0
Maryland	11.0	13.0	12.0	12.0	10.5	11.5	11.5	12.5	11.5	12.5	12.5	12.0	12.0	10.5	11.0	10.0	13.5	12.5	12.5	8.5	11.5	11.0	13.5	10.3	12.5	14.0	13.0	14.0	14.5	13.0	11.5	15.0	13.0	12.9	15.0	14.5	14.0
Virginia	7.0	6.5	6.0	7.0	7.5	8.0	8.0	7.5	8.5	7.0	7.5	9.0	7.0	6.7	8.0	6.4	6.7	6.4	6.3	6.7	7.5	6.5	7.3	7.6	6.6	8.0	8.5	9.0	8.5	8.5	7.5	8.5	9.0	8.0	9.5	10.0	8.0
West Virginia	----	6.5	7.0	5.6	7.0	7.0	6.0	5.0	7.5	4.5	7.0	7.5	7.5	6.6	6.5	5.5	6.5	7.0	8.0	4.5	7.5	6.0	8.0	7.8	5.5	8.5	8.5	9.5	10.0	11.0	11.0	5.5	10.5	8.1	9.0	9.5	8.5
North Carolina	3.5	5.0	4.5	5.6	4.5	2.0	5.5	3.0	4.5	4.0	4.0	5.0	4.0	4.6	4.0	4.0	5.0	5.0	5.5	3.5	4.5	5.5	4.5	4.9	4.0	5.0	6.0	6.0	5.5	6.0	6.5	6.5	7.0	4.8	6.0	6.5	5.0
South Carolina	3.5	4.5	3.5	3.9	4.0	3.0	3.5	3.5	2.5	3.5	3.5	4.0	3.5	3.8	3.0	3.0	4.0	4.0	4.5	3.5	4.0	4.0	4.0	4.2	3.5	4.5	5.5	5.5	3.5	5.0	5.0	5.5	6.0	4.6	7.0	5.0	6.5
Georgia	----	5.0	3.5	3.8	4.0	3.0	4.0	3.5	4.0	4.0	4.0	4.0	3.5	3.9	3.0	3.5	4.0	3.5	4.0	3.5	4.0	4.0	4.0	4.2	2.0	4.5	5.0	5.0	4.0	4.0	4.0	5.5	5.0	4.1	4.5	5.0	3.0
Florida	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Kentucky	9.5	10.5	8.5	7.5	8.0	4.5	10.0	5.5	9.0	5.5	9.0	9.5	7.0	7.5	6.0	4.5	11.0	6.0	10.0	4.0	9.0	7.5	10.0	9.3	6.0	11.0	11.0	10.5	9.0	11.0	6.0	12.0	11.0	8.8	10.5	11.5	8.0
Tennessee	3.5	5.5	4.5	5.2	5.0	4.0	5.5	4.5	5.0	5.0	4.5	5.0	4.5	4.8	3.5	4.0	5.5	4.5	5.5	4.5	5.5	5.0	6.0	6.3	4.5	6.5	6.0	6.5	6.0	7.0	5.5	7.0	7.0	6.5	6.0	7.5	7.5
Alabama	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mississippi	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Arkansas	6.0	6.5	6.5	6.7	7.5	5.5	6.0	6.0	5.5	7.0	4.5	6.0	5.0	6.8	5.5	4.5	7.0	5.5	6.5	6.0	6.0	6.5	6.0	6.1	4.0	6.5	5.5	4.5	6.0	6.5	5.0	7.5	7.0	6.6	8.0	5.5	7.5
Louisiana	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Oklahoma	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	11.6	10.0	12.0	11.5
Texas	10.0	8.5	8.5	10.5	10.5	9.5	12.5	10.0	8.0	12.0	9.0	11.0	11.0	7.6	8.0	11.0	11.5	10.0	12.0	13.0	11.0	12.0	11.0	11.9	8.0	13.5	12.5	10.5	11.5	10.5	12.0	12.5	11.5	10.7	13.5	8.5	7.5
Montana	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	16.5	7.0	17.5	18.0
Idaho	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	12.7	13.5	8.5	12.5
Wyoming	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Colorado	----	----	----	----	----	----	----	----	----	----	----	----	----	15.0	12.5	16.5	14.0	13.0	13.0	7.5	11.5	7.5	6.5	11.7	8.0	12.5	13.0	5.0	10.5	15.0	10.0	12.5	15.5	12.2	14.5	13.5	12.0
New Mexico	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Arizona	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Utah	----	----	----	----	----	----	----	----	----	----	----	----	----	8.3	7.0	10.0	14.5	14.0	10.0	13.0	9.0	12.0	10.5	10.0	12.0	12.0	10.5	8.5	13.5	13.0	13.0	6.0	13.0	10.0	12.0	11.5	10.0
Nevada	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Washington	----	----	----	----	----	----	----	----	----	----	----	----	----	13.8	11.5	13.0	14.0	9.0	15.0	15.0	12.5	14.0	13.5	10.9	14.0	13.0	13.5	17.5	14.5	17.5	12.5	17.5	17.5	14.6	18.5	16.0	14.5
Oregon	----	----	----	----	----	----	----	----	----	----	----	14.5	15.0	16.0	13.5	15.0	12.5	8.5	13.5	13.0	10.0	12.0	11.0	9.2	11.0	10.0	8.5	10.5	12.0	10.0	10.5	14.0	14.0	10.8	16.0	13.5	13.5
California	----	----	11.0	10.0	12.0	9.0	12.0	10.0	11.0	8.0	10.0	7.0	10.0	9.0	7.0	8.0	9.0	5.0	12.5	12.5	9.0	9.0	9.0	8.9	7.5	10.5	8.5	9.5	11.0	6.0	9.0	7.5	4.0	8.3	9.0	9.5	6.5
United States	11.7	11.9	10.6	11.0	10.0	10.7	10.7	10.4	11.0	10.3	10.9	11.9	11.4	10.8	11.0	11.0	12.9	12.0	12.7	11.4	12.4	11.4	13.0	13.1	12.5	13.6	12.8	12.3	12.4	12.3	12.3	13.4	13.2	12.6	12.9	12.8	13.9

TABLE 49.—*Rye, for grain: Yield per acre (bushels)*—Continued

State	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine																																					
New Hampshire																																					
Vermont	9.0	15.0	13.0	12.5	13.5	13.0	15.0	15.5	14.0	13.0	14.5	16.0	15.0	13.0	15.0	15.5																					
Massachusetts	16.5	17.0	17.5	17.0	17.5	16.5	17.0	16.0	12.5	14.0	13.0	14.5	14.0	13.0	14.0	13.5																					
Rhode Island																																					
Connecticut	16.0	17.5	18.0	18.0	19.0	18.0	18.1	17.0	14.0	15.0	16.5	15.0	16.0	17.0	16.0	16.0																					
New York	14.0	15.0	14.5	15.0	15.5	14.5	15.5	16.5	14.5	15.0	15.5	15.5	16.0	16.0	15.5	14.5	16.0	13.5	13.0	16.0	13.5	15.5	14.0	12.5	15.0	13.5	15.0	16.0	17.0	15.5	15.0	13.3	15.0	16.0	17.5	17.0	15.5
New Jersey	12.0	14.0	14.5	14.5	14.5	13.5	13.8	15.0	13.0	14.5	14.5	14.5	14.0	15.0	14.5	14.0	14.5	15.5	16.0	17.0	16.0	16.5	16.5	17.5	18.0	18.0	17.0	18.0	18.0	16.5	16.0	18.4	17.5	17.5	17.0	17.0	17.0
Pennsylvania	12.0	13.0	13.5	13.5	13.0	12.5	12.8	13.0	12.5	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.5	13.5	13.5	14.0	13.5	14.0	14.0	13.5	13.5	12.5	13.0	14.5	15.0	12.5	13.5	12.1	15.0	14.0	15.0	14.5	14.5
Ohio	16.5	13.5	16.0	15.0	14.5	14.0	13.6	14.5	13.0	12.5	13.5	14.0	14.5	11.5	14.0	13.5	14.3	12.5	10.5	11.5	13.0	13.6	13.0	15.0	13.5	10.5	12.6	12.0	18.0	13.0	12.5	13.4	15.0	13.5	14.5	13.5	14.5
Indiana	12.5	13.5	14.5	16.0	15.0	13.0	13.4	13.5	12.5	12.0	12.5	13.0	13.0	12.0	12.0	15.0	12.6	13.0	12.0	11.5	13.5	12.3	11.4	14.5	12.5	10.0	11.2	11.5	14.5	11.5	10.0	11.0	11.5	12.0	12.5	11.5	12.0
Illinois	14.5	15.5	16.5	15.0	16.0	15.5	16.0	16.0	15.0	14.5	15.5	16.0	16.0	14.0	16.0	16.5	16.5	15.6	17.0	16.0	15.0	14.5	12.5	14.5	11.5	12.5	11.2	12.0	14.0	11.0	10.5	8.9	12.0	12.5	14.5	13.5	12.5
Michigan	13.5	11.5	13.5	12.5	12.5	13.5	13.9	13.5	13.5	12.0	13.0	13.5	13.5	12.5	14.0	14.0	13.3	14.7	12.5	12.0	13.0	14.5	11.5	12.0	13.0	11.5	11.1	13.0	13.5	12.5	10.5	8.8	13.5	11.5	11.5	13.5	12.5
Wisconsin	14.0	14.5	14.0	15.0	16.0	16.0	14.5	13.0	14.5	15.0	14.0	14.0	15.0	12.5	13.0	13.0	13.0	13.2	12.5	11.8	12.8	13.7	11.5	11.5	12.7	10.5	11.4	12.0	11.0	11.0	9.0	7.4	12.5	10.0	13.5	13.0	10.0
Minnesota	15.5	15.5	15.0	16.0	16.0	16.0	16.6	13.5	15.0	19.0	16.0	14.0	15.5	13.0	14.5	16.0	13.0	17.5	16.5	19.0	14.0	20.0	13.5	13.0	17.5	14.0	16.1	16.2	15.0	16.0	12.5	6.9	20.0	12.5	19.0	18.0	14.0
Iowa	15.0	14.5	17.0	17.0	16.5	16.5	14.0	14.5	15.0	16.0	15.0	15.5	15.0	13.0	14.5	15.5	14.0	15.5	15.5	18.5	16.0	16.7	16.0	17.0	15.0	15.5	15.9	16.0	15.0	14.5	13.0	7.9	15.0	14.0	19.5	15.5	14.5
Missouri	11.0	10.0	11.0	8.5	10.5	8.0	10.3	9.5	8.5	8.5	9.5	8.5	9.5	7.5	9.5	9.5	9.0	10.0	8.5	9.0	9.5	10.5	9.5	10.0	8.5	9.0	7.5	10.0	11.5	8.0	8.0	9.2	7.5	9.0	10.5	10.0	10.0
North Dakota	11.0	14.5	15.0	14.0	11.5	13.0	14.3	8.0	13.5	15.0	12.5	15.0	13.0	12.0	10.0	10.5	8.0	10.0	11.0	16.1	8.0	15.7	10.5	8.0	16.5	11.0	9.5	11.2	7.0	10.5	6.5	5.8	14.5	4.5	10.0	13.5	8.5
South Dakota	17.0	13.0	14.0	14.5	12.5	14.0	14.1	13.0	7.0	15.5	12.0	15.0	18.0	15.0	12.0	16.5	13.0	13.5	14.5	18.0	11.0	14.0	10.0	7.5	18.5	10.5	11.8	15.2	7.0	15.0	4.0	3.5	17.5	6.0	12.0	16.0	9.0
Nebraska	10.0	11.5	13.0	15.0	11.0	10.5	10.5	8.0	6.0	10.0	9.0	10.0	11.0	10.0	8.5	8.0	10.0	11.0	11.0	10.0	11.0	10.0	10.0	7.5	11.0	10.5	11.3	11.5	8.0	9.0	7.0	4.4	12.5	7.5	10.0	11.5	8.0
Kansas	13.0	10.0	12.0	12.0	8.0	9.0	9.3	8.5	5.5	12.0	9.5	14.5	12.0	10.0	11.0	12.0	10.5	12.5	9.5	11.0	8.5	11.1	9.5	10.7	10.7	12.0	10.5	10.5	12.0	11.0	9.0	9.8	10.5	10.5	11.5	10.5	10.0
Delaware	6.0	14.5	12.5	13.5	12.5	11.5	11.2	13.0	11.5	13.0	13.2	12.5	13.0	13.0	13.0	11.5	12.0	14.0	10.0	13.0	14.0	10.5	13.0	13.0	14.0	13.0	14.5	12.0	15.0	12.0	9.5	12.5	12.5	11.5	12.5	14.0	13.0
Maryland	13.5	15.0	12.5	13.5	13.5	12.5	12.7	14.5	13.0	14.0	13.0	15.0	14.5	13.5	14.0	13.0	11.0	12.5	11.0	12.0	13.0	12.5	13.5	13.5	12.5	12.0	12.5	13.5	15.0	12.0	12.5	13.1	13.5	12.5	13.0	12.5	12.5
Virginia	10.5	13.0	9.5	11.0	11.5	9.5	9.5	10.5	8.5	9.5	9.0	10.0	11.5	9.5	12.0	9.0	8.0	10.5	9.5	10.5	10.5	10.0	10.5	12.0	10.5	12.0	10.4	11.5	16.3	9.5	10.5	10.2	11.5	10.5	12.5	11.5	12.0
West Virginia	9.0	9.0	9.0	9.0	9.5	9.5	9.5	10.0	8.0	10.5	10.0	10.5	11.0	11.5	11.5	12.0	11.0	9.5	10.5	10.5	9.0	10.0	11.0	11.0	11.0	11.5	9.6	11.0	15.5	9.0	12.0	10.5	12.5	11.5	12.0	12.5	10.5
North Carolina	6.0	6.0	5.5	6.0	6.0	6.0	5.8	6.0	6.0	5.5	6.0	5.5	6.0	5.5	6.5	5.5	6.0	7.0	6.0	6.5	6.5	7.5	7.0	8.0	8.0	7.5	8.0	8.0	9.0	8.0	8.0	7.0	7.2	7.5	6.5	7.5	7.5
South Carolina	5.5	6.0	5.5	6.0	6.5	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.5	7.5	8.0	7.0	7.0	7.5	8.0	8.0	9.0	10.0	8.5	9.0	8.5	9.5	8.0	7.0	8.0	8.5	7.5	8.5	9.0	9.5
Georgia	4.5	5.0	3.0	4.0	5.5	4.0	4.9	5.0	5.0	5.0	5.0	5.0	5.5	5.5	5.5	6.0	6.0	6.5	6.0	6.0	6.5	7.5	6.5	7.0	6.5	6.5	6.0	6.5	7.0	6.0	5.5	5.6	6.0	5.5	5.5	6.0	6.5
Florida																																					
Kentucky	8.5	10.0	11.0	9.0	9.5	8.5	9.5	10.0	9.0	10.0	9.5	10.5	9.0	8.0	9.5	10.5	9.0	11.5	9.5	11.0	11.5	11.0	12.0	14.5	10.5	11.5	9.5	10.5	13.5	9.0	11.0	11.3	8.0	11.0	13.0	12.5	9.0
Tennessee	6.0	7.0	5.0	6.5	5.5	6.5	6.2	6.5	7.5	7.0	7.5	8.5	7.0	6.5	6.0	6.5	6.0	6.8	6.5	6.4	6.5	7.4	7.3	8.5	6.0	6.3	6.5	7.0	8.0	6.5	6.5	6.9	6.5	6.5	7.5	7.0	7.0
Alabama																																					
Mississippi																																					
Arkansas	6.0	7.5	6.5	6.5	6.5	6.0	6.8	7.0	6.0	5.5	6.5	6.5	6.5	6.0	7.0	7.0																					
Louisiana																																					
Oklahoma	8.0	7.0	11.5	11.0	6.0	9.0	8.7	9.5	5.5	8.5	7.0	10.0	9.5	7.5	8.0	8.0	10.0	9.5	7.0	6.5	8.0	8.5	8.0	11.0	8.5	8.0	8.9	7.5	11.5	9.5	6.0	6.3	7.0	6.0	8.5	8.5	8.5
Texas	12.0	8.5	12.5	13.0	10.5	12.0	8.1	13.0	11.5	13.5	13.5	13.5	14.0	11.5	9.5	11.0	10.0	13.0	8.5	7.0	13.0	11.0	4.0	15.5	7.0	11.5	14.0	10.0	13.5	10.5	6.0	5.5	11.5	9.5	14.0	10.5	8.5
Montana	17.0	16.0	19.0	18.0	17.0	19.0	18.4	15.5	19.0	18.0	17.0	19.0	18.5	17.5	17.0	11.0	3.0	9.0	11.5	15.0	11.0	13.0	11.0	12.0	16.0	13.5	7.5	8.0	4.5	13.0	7.5	7.5	10.5	6.0	9.0	16.0	12.0
Idaho	15.5	13.5	14.5	15.0	13.0	13.0	12.2	12.0	13.5	13.0	13.0	12.5	12.5	12.0	12.5	12.0	10.5	14.0	16.5	12.5	11.0	7.5	15.0	12.5	11.0	14.5	11.0	11.0	10.0	12.0	11.0	9.3	10.0	11.0	10.0	12.0	11.0
Wyoming						15.5	13.5	6.5	10.5	14.5	14.5	14.5	14.0	12.0	13.5	14.0	5.0	11.0	10.0	8.5	8.0	7.5	8.0	8.0	7.5	8.0	9.2	7.5	6.0	6.5	5.5	4.6	8.0	5.0	7.0	6.5	8.0
Colorado	15.0	15.0	13.0	13.0	13.0	9.0	12.6	9.5	7.5	12.0	10.5	12.0	11.0	7.0	10.0	8.0	8.2	11.0	11.5	7.5	11.0	8.0	8.0	9.0	8.5	9.2	8.0	8.5	7.0	6.0	6.0	5.6	7.0	8.0	8.5	8.5	6.5
New Mexico																																					
Arizona																																					
Utah	12.5	13.5	14.5	13.5	12.5	13.0	12.6	8.5	10.5	11.5	10.0	12.5	11.0	9.5	12.5	10.0	7.0	10.0	9.3	10.0	13.0	6.6	9.0	10.5	9.0	8.0	8.4	9.0	5.0	8.0	7.0	7.0	9.0	6.0	8.0	9.0	8.0
Nevada																																					
Washington	14.0	14.0	10.5	12.5	12.0	9.0	9.3	9.0	10.0	9.0	10.0	9.5	11.0	9.0	9.5	8.0	9.0	9.5	14.0	10.0	15.0	8.0	11.0	12.0	16.0	12.5	7.0	8.0	7.5	8.0	7.0	7.0	7.5	10.5	9.0	8.5	10.0
Oregon	11.5	14.0	14.0	13.5	16.0	9.0	11.4	13.0	13.0	15.5	13.5	13.0	15.0	12.0	12.0	10.5	7.5	12.0	14.2	12.0	15.0	12.5	14.0	13.0	16.0	15.0	13.5	14.0	11.5	11.5	10.5	12.3	13.0	14.0	13.5	12.5	12.5
California	6.0	4.5	10.0	12.0	11.5	8.0	10.1	10.5	10.0	10.5	9.5	11.5	11.5	10.5													11.3	13.5	11.5	12.0	11.0	12.0	13.5	14.0	13.0	14.0	11.0
United States	12.8	12.9	13.6	13.7	13.6	13.5	13.6	12.9	12.8	13.9	13.1	13.4	13.7	12.2	11.9	12.5	11.0	12.8	12.6	14.9	11.3	14.8	11.1	10.2	14.8	11.5	11.3	12.4	10.6	11.8	8.9	8.4	14.2	9.1	13.0	13.8	10.3

TABLE 50.—*Flaxseed: Yield per acre (bushels)*

State	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914
Ohio	7.1	7.5	8.5	7.5	8.0	8.5	7.0	7.0	7.5	10.5	10.0	9.0	8.5	8.5	8.5	10.5	8.0	13.5	8.0	8.5	8.7	13.5	7.5	9.5	3.0	5.5
Michigan																										
Wisconsin									13.5	14.0	12.5	15.0	11.0	12.0	12.0	12.0	12.5	12.0	12.5	12.5	13.0	9.5	11.5	12.0	11.0	11.0
Minnesota	9.0	9.0	10.5	8.0	8.5	7.0	10.0	11.0	11.0	10.5	10.4	7.0	9.5	10.5	8.5	11.5	11.0	10.5	9.0	10.0	9.1	7.0	7.5	9.0	8.0	8.5
Iowa	10.0	10.5	10.5	10.0	9.0	8.0	11.0	9.5	10.0	10.5	11.2	11.5	13.0	8.0	8.5	10.5	9.5	10.0	10.0	10.5	9.1	8.5	8.0	11.5	10.0	11.0
Missouri	8.0	9.0	5.0	6.0	8.0	9.0	8.0	8.5	8.0	7.0	6.1	9.0	4.0	7.0	5.0	5.5	7.0	7.0	7.5	7.0	7.5	8.0	4.5	6.0	5.0	7.0
North Dakota	4.0	4.5	8.0	9.5	6.5	6.0	14.0	9.5	9.5	10.0	10.0	4.0	9.0	9.5	8.0	11.0	12.5	11.0	8.5	8.0	9.6	4.0	7.5	9.5	7.5	8.5
South Dakota	5.5	7.0	9.5	9.0	8.0	7.0	11.0	10.0	10.5	10.5	8.1	6.0	9.0	9.5	7.5	11.0	11.5	11.0	9.5	10.0	9.2	5.0	5.5	8.5	6.5	7.5
Nebraska	8.5	8.5	5.0	6.5	6.5	7.5	6.0	6.0	6.3	6.5	7.1	9.0	7.0	8.0	8.5	5.5	8.0	7.0	7.0	6.5	7.0	7.0	6.0	8.5	6.0	8.0
Kansas	8.7	9.0	5.0	7.0	6.5	7.5	6.5	6.3	6.5	7.0	7.4	8.5	4.5	5.0	6.0	5.5	7.5	7.0	7.5	6.5	6.7	8.0	3.0	6.0	5.5	6.0
Texas																										
Montana														9.0	14.0	10.0	9.0	12.0	13.0	11.0	11.9	6.0	8.0	12.0	9.0	8.0
Idaho																										
Wyoming																										
United States	7.9	8.4	8.2	8.3	8.1	7.2	10.5	9.6	9.7	9.8	9.5	5.8	8.7	9.3	8.0	10.8	11.8	10.8	8.8	8.8	9.4	5.1	7.0	9.6	7.7	8.3

State	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Ohio																									
Michican															10.0	9.5	10.0	10.5	9.0	10.0	10.0	5.5	6.0	8.0	8.5
Wisconsin	10.5	10.0	10.0	10.0	9.0	9.5	8.0	13.0	12.5	11.0	13.5	11.5	12.0	12.0	11.0	11.0	9.5	11.0	10.0	11.8	11.0	10.0	10.5	11.0	11.0
Minnesota	10.0	7.5	8.0	10.0	7.0	9.5	9.0	10.5	9.5	11.4	10.0	9.4	9.7	8.0	9.0	10.0	7.0	9.2	6.4	6.2	9.5	4.9	9.0	10.5	10.0
Iowa	9.5	8.5	10.0	8.5	7.5	9.5	8.5	9.5	9.0	9.9	10.5	11.0	10.5	10.0	9.0	11.5	8.0	9.0	6.5	6.0	8.0	8.0	11.5	13.3	10.5
Missouri	8.0	6.0	8.5	8.0						6.5	6.0	6.0	5.5	6.0	5.0	6.0	4.5	5.0	4.5	2.2	2.0	4.0	4.0	5.0	6.5
North Dakota	10.0	9.5	4.0	7.0	4.6	5.4	6.3	9.5	7.5	8.2	6.7	5.8	8.4	7.4	4.5	4.8	3.8	3.6	3.6	3.8	5.5	2.7	5.3	5.0	5.0
South Dakota	11.0	9.0	6.0	9.5	7.0	9.5	6.5	9.0	8.5	8.6	6.8	5.2	9.8	5.7	4.7	4.7	2.5	4.7	2.5	2.5	5.0	2.5	4.3	8.5	8.0
Nebraska	9.5	7.0	6.0	9.5	5.0	9.0	8.0	8.0	11.0	3.5	8.5	8.0	8.5	7.5	6.7	5.5	3.5	6.0	6.0	0	7.0	1.0		8.5	6.0
Kansas	6.0	6.0	7.0	5.0	6.1	6.9	6.7	5.5	7.2	6.5	6.3	6.3	5.5	6.5	5.5	7.0	5.5	6.5	6.2	5.0	6.0	4.0	5.8	7.4	7.9
Texas																									11.5
Montana	10.5	9.5	3.0	5.0	2.5	3.5	5.2	7.0	8.0	7.5	4.0	4.5	10.0	8.5	3.3	3.7	2.6	3.5	3.0	4.6	3.5	4.0	3.1	5.0	4.5
Idaho																								8.0	8.5
Wyoming					3.0	5.0	6.0	7.0	8.0	3.0	4.0	5.0	10.0	9.0	5.5	4.0	2.0	3.0	2.5	0	4.0	0			
United States	10.1	9.1	4.5	7.2	5.2	6.6	7.1	9.5	8.2	8.8	7.4	6.8	9.1	7.3	5.2	5.7	4.8	5.8	5.1	5.7	6.9	4.7	7.6	8.7	8.9

TABLE 51.—*Barley, for grain: Yield per acre (bushels)*

State	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902
Maine	21.5	20.5	19.0	22.0	21.5	20.0	21.5	20.5	22.0	22.0	21.0	21.5	21.0	21.8	21.5	22.5	21.0	23.5	23.0	23.5	23.5	23.5	23.5	23.9	23.0	25.5	25.5	25.0	26.0	27.5	28.5	26.0	28.0	28.7	27.5	28.0	29.5
New Hampshire	22.0	21.5	20.5	26.5	19.5	23.0	21.0	19.5	23.0	22.5	22.0	23.5	21.0	22.5	23.0	22.5	21.0	23.0	21.0	24.0	23.5	22.0	23.0	22.8	20.0	25.5	25.0	25.5	26.5	28.5	28.5	27.5	30.0	29.2	30.0	30.0	29.0
Vermont	29.0	23.5	26.0	25.0	23.5	23.0	26.0	18.0	28.0	29.5	26.0	27.5	25.5	25.4	26.0	27.0	27.0	26.0	25.0	26.0	27.0	26.0	24.5	25.6	21.5	27.5	27.0	27.5	31.5	32.5	32.5	26.5	34.0	31.3	33.5	33.5	30.5
Massachusetts	25.5	26.5	26.5	25.0	24.5	25.5	25.5	22.5	25.5	25.5	23.5	24.5	22.5	25.3	26.5	24.5	25.5	24.0	23.0	23.5	23.5	20.5	22.0	21.7	17.0	20.5	22.0	23.5	20.5	25.0	25.0	24.0	26.0	23.5	----	----	----
Rhode Island	24.0	21.5	18.5	24.3	23.0	23.0	22.0	21.5	21.5	21.0	20.5	19.0	23.0	24.9	26.0	23.0	21.5	23.0	21.5	22.5	23.0	22.5	22.5	22.1	----	----	----	----	----	----	----	----	----	----	----	----	----
Connecticut	22.5	21.5	21.5	23.0	21.5	22.0	22.0	21.0	22.0	22.0	21.5	22.0	22.5	21.4	22.0	22.0	22.0	22.0	21.5	22.0	22.0	21.5	21.5	21.1	----	----	----	----	----	----	----	----	----	----	----	----	----
New York	25.0	21.5	21.5	25.0	19.5	23.0	22.0	20.5	23.0	22.5	20.5	23.0	20.5	22.0	22.5	25.0	24.0	24.5	22.5	23.0	23.0	20.0	23.0	23.5	15.0	24.5	24.5	20.5	18.5	25.5	23.0	25.0	25.0	26.5	22.0	16.0	29.0
New Jersey	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Pennsylvania	18.5	19.0	18.5	19.0	18.0	18.5	18.0	17.5	16.5	18.0	18.0	18.5	18.5	18.6	19.0	19.5	20.5	21.0	22.0	22.5	23.0	22.0	24.0	23.6	21.5	23.5	23.0	20.0	22.0	22.5	21.5	21.5	21.0	20.6	18.5	17.5	20.0
Ohio	24.5	27.0	23.5	25.5	24.5	26.0	25.0	26.5	27.0	24.0	27.0	29.0	30.0	29.7	30.5	29.0	27.5	22.0	30.5	24.0	29.5	28.5	22.5	28.6	27.5	29.5	31.5	30.5	32.5	24.0	26.5	29.5	29.5	30.9	28.0	27.0	29.5
Indiana	23.0	25.0	24.0	24.0	23.5	24.0	22.5	22.5	24.0	18.0	22.0	24.0	24.0	23.3	22.0	23.0	24.0	21.0	24.0	23.0	23.5	23.5	21.8	24.3	22.5	25.0	24.0	25.5	26.0	18.5	24.0	28.0	28.5	27.3	24.0	25.5	28.5
Illinois	23.4	24.7	22.7	21.0	23.5	22.5	22.7	21.0	23.8	20.0	17.7	23.0	22.2	22.2	23.0	20.0	24.2	25.0	26.5	26.0	26.5	22.0	28.0	28.9	23.0	29.0	23.5	26.0	22.5	22.0	25.0	27.5	28.5	32.1	31.0	27.5	32.5
Michigan	26.0	25.0	26.0	24.6	22.5	22.0	23.0	21.0	22.5	25.0	22.5	24.5	21.5	22.1	22.5	23.5	26.0	22.5	24.5	24.0	22.0	20.0	25.0	25.4	20.0	22.5	22.5	20.0	21.5	19.5	22.0	24.0	25.0	25.9	26.0	23.5	26.0
Wisconsin	25.5	26.0	24.5	27.0	24.0	26.5	25.5	25.5	20.5	26.0	22.0	26.5	22.5	25.0	24.0	26.5	26.5	26.0	29.0	23.0	26.0	23.5	27.0	32.0	27.0	28.5	27.5	26.0	30.5	29.5	28.5	30.0	31.5	33.5	25.5	27.0	34.0
Minnesota	26.0	28.0	28.0	27.5	26.0	25.5	26.5	24.0	25.0	25.5	21.0	25.0	24.5	25.6	25.5	25.0	26.5	25.0	25.5	24.0	24.5	23.0	22.5	25.4	25.0	27.0	24.5	25.5	27.0	28.5	24.0	23.0	27.0	26.0	20.5	24.0	26.5
Iowa	22.0	25.0	20.0	21.7	22.5	22.5	22.5	18.0	21.5	18.0	18.0	23.0	20.0	20.2	22.5	19.0	22.5	24.0	24.5	24.0	25.0	20.5	21.5	25.8	24.0	27.5	26.0	26.0	19.5	28.5	29.5	28.0	30.0	28.8	28.5	27.0	27.0
Missouri	21.0	20.0	20.0	19.4	19.5	17.5	18.0	18.5	19.0	17.0	18.5	21.5	18.5	19.0	20.5	16.0	23.0	21.5	22.0	21.0	23.0	23.0	23.0	23.2	21.0	21.0	22.0	20.0	20.5	21.0	22.5	17.0	18.0	16.8	17.5	13.0	19.0
North Dakota	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	25.5	24.5	23.0	24.5	19.0	21.0	22.0	14.4	18.0	24.5	23.0	20.0	19.0	24.0	19.5	22.5	24.5	23.5	6.5	25.5	26.0
South Dakota	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	22.5	21.5	20.5	22.0	14.5	18.0	19.0	9.3	14.5	22.5	20.0	12.0	4.5	16.5	22.5	21.0	23.0	23.5	10.0	23.5	29.0
Nebraska	24.5	20.0	19.5	22.5	19.0	15.5	24.0	19.0	17.0	12.0	17.5	25.5	19.5	15.1	12.0	19.5	25.5	23.0	21.0	23.5	21.5	13.5	18.0	22.1	13.5	23.5	19.0	13.0	5.0	20.5	21.5	24.0	21.5	22.1	17.0	11.0	21.5
Kansas	23.0	21.0	22.0	23.5	17.5	20.5	21.5	19.5	17.0	12.0	18.0	21.5	20.5	12.6	7.0	14.0	24.5	21.5	26.5	18.0	18.0	11.0	26.5	23.0	22.0	27.0	23.5	7.0	6.0	11.5	6.5	16.0	22.5	12.4	18.0	8.5	14.5
Delaware	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Maryland	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	23.0	19.0	24.0	20.5	27.0	23.0	30.0	20.0	30.0	30.0	28.1	28.0	26.5	31.0
Virginia	----	----	----	----	----	----	----	----	----	----	----	----	----	17.0	17.0	16.0	16.0	15.0	15.0	17.0	18.0	17.0	15.0	20.0	18.0	21.0	22.0	19.0	17.0	25.0	14.0	23.0	23.0	19.3	24.0	22.0	15.0
West Virginia	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
North Carolina	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
South Carolina	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Georgia	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Florida	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Kentucky	23.5	27.5	25.0	25.0	25.0	24.5	27.5	24.0	27.0	17.5	26.5	27.0	25.0	24.2	24.5	20.5	28.0	25.0	29.0	21.0	29.0	26.5	28.5	28.7	23.0	28.0	26.0	28.0	28.0	22.5	20.0	28.5	23.5	18.6	24.5	26.0	22.0
Tennessee	23.0	19.0	18.0	19.0	18.5	18.0	19.0	18.0	20.0	17.5	17.0	18.0	20.0	11.5	15.5	17.5	19.5	17.0	16.5	15.0	13.5	14.0	13.0	17.8	16.0	16.5	17.5	19.0	14.0	23.0	14.0	18.0	17.5	13.6	15.5	18.0	14.5
Alabama	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mississippi	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Arkansas	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Louisiana	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Oklahoma	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.1	20.0	15.0	22.5
Texas	16.0	20.0	22.0	22.0	20.5	20.5	25.0	23.0	20.0	26.0	22.0	23.0	21.5	13.2	19.5	20.0	19.0	17.0	16.0	16.0	13.5	13.0	12.0	17.3	11.0	23.0	23.5	14.5	15.5	18.5	11.0	24.0	24.5	18.3	24.0	13.5	18.0
Montana	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	41.0	39.5	38.5	39.5	38.0	39.0	39.0	34.6	37.5	39.0	38.5	32.5	39.5	27.0	33.5	39.0	37.5	36.9	31.0	32.0	34.0
Idaho	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	27.5	32.5	28.0	26.0	26.0	28.0	27.5	23.6	21.0	29.0	26.5	27.0	31.0	28.0	13.0	29.0	29.0	29.6	30.0	33.0	32.5
Wyoming	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	24.2	8.5	24.5	24.0
Colorado	----	----	----	----	----	----	----	----	----	----	----	----	26.0	27.5	27.0	27.5	27.0	27.5	27.5	27.0	27.0	26.0	27.4	24.0	28.0	27.0	25.5	26.0	28.0	21.5	28.5	26.5	24.2	23.0	26.5	20.0
New Mexico	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.0	28.0	29.5	28.5	29.0	26.5	29.5	23.6	22.5	24.5	25.0	23.0	26.5	25.5	23.5	26.5	24.0	21.7	15.0	26.0	11.5
Arizona	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	27.0	27.0	27.0	28.0	27.0	28.0	26.0	23.8	24.0	24.0	24.5	21.5	22.0	27.5	28.0	29.0	30.0	28.2	24.0	28.0	26.0
Utah	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	22.0	28.0	28.5	29.0	23.0	26.0	27.0	25.4	31.0	34.5	33.0	30.5	33.5	33.0	26.5	32.0	37.0	29.2	29.5	32.5	33.0
Nevada	----	----	----	----	27.5	28.0	30.0	28.0	25.0	26.5	25.5	23.0	25.0	26.5	29.0	30.0	33.0	30.0	37.0	33.0	30.0	31.5	30.0	29.4	28.5	32.5	32.0	30.0	29.0	29.0	26.5	31.0	31.0	31.8	33.0	33.5	33.5
Washington	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.0	26.0	33.5	30.5	29.0	29.5	30.0	24.6	28.0	26.0	26.0	28.0	22.0	25.5	18.0	34.0	32.0	29.8	28.0	34.5	32.0
Oregon	----	----	----	35.0	30.5	28.5	30.5	33.0	29.0	29.0	28.0	35.0	25.0	31.4	29.0	33.0	29.5	27.5	30.5	29.5	26.0	29.0	29.0	23.2	27.5	30.0	26.5	28.0	30.0	22.5	26.5	28.5	27.5	25.1	28.0	29.0	27.0
California	----	20.0	21.0	22.5	21.0	13.5	20.5	19.0	22.0	14.5	21.0	11.5	17.5	21.3	22.5	18.0	23.0	18.5	24.5	18.0	24.5	24.5	22.5	21.5	19.0	25.5	24.0	26.0	14.0	21.0	20.0	22.5	11.0	24.4	18.0	26.0	23.0
United States	24.0	22.5	21.8	23.5	21.8	20.5	22.5	20.7	22.2	19.3	20.6	20.0	20.3	22.0	22.7	22.3	24.7	23.1	25.2	22.3	24.3	22.2	23.1	24.1	21.5	26.2	24.7	23.6	20.4	25.0	23.6	24.9	23.9	26.4	20.5	24.9	26.7

TABLE 51.—*Barley, for grain: Yield per acre (bushels)*—Continued

State	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine	29.5	30.0	29.5	38.5	26.0	25.0	25.8	27.0	24.5	24.0	25.0	26.0	23.0	23.5	24.0	26.0	24.0	26.0	30.0	25.0	30.0	30.0	35.0	30.0	27.0	28.0	30.0	31.0	28.0	30.0	31.0	30.0	28.0	28.0	28.0	29.0	29.0
New Hampshire	27.0	27.5	28.0	27.5	25.5	25.0	24.5	26.5	23.5	23.5	25.0	25.0	24.5	25.5	26.0	24.5	19.0	21.0	19.5	22.0	19.5	25.5	22.0	24.5	24.0	24.5	21.5	25.0	25.5	25.0	25.0	24.5	26.5	28.0	29.0	29.5	29.5
Vermont	31.5	33.0	31.5	29.0	28.0	28.0	26.9	28.0	27.0	23.5	26.0	24.5	27.5	24.0	25.0	25.5	23.0	25.0	25.0	24.0	27.0	29.0	27.0	26.0	26.0	23.0	26.0	27.0	30.0	28.0	24.0	27.0	27.0	28.0	24.0	29.0	28.0
Massachusetts																																					
Rhode Island																																					
Connecticut																																					
New York	27.0	27.0	26.0	26.5	25.0	26.0	24.0	28.5	25.0	25.5	26.5	27.0	32.0	23.5	28.0	31.5	20.0	27.0	20.0	24.0	25.5	30.0	28.0	27.5	28.0	26.0	21.0	31.0	24.0	25.5	19.5	22.0	27.0	18.0	23.0	29.5	27.0
New Jersey																	16.5	20.0	25.0	27.0	30.0	18.5	27.0	33.0	37.0	30.0	22.0	32.0	32.0	25.0	27.0	21.0	30.0	22.0	30.0	31.0	30.0
Pennsylvania	20.0	21.0	20.0	19.5	20.0	20.0	17.9	20.5	19.0	19.5	19.5	18.5	21.0	19.5	20.5	21.0	19.0	21.0	19.5	22.0	19.5	25.5	22.0	24.5	24.0	24.5	21.5	25.0	25.5	25.0	25.0	24.5	26.5	28.0	29.0	29.5	29.5
Ohio	22.0	28.0	24.0	26.0	25.0	22.0	23.6	26.0	23.5	27.0	19.0	22.0	24.0	23.0	28.5	28.5	22.5	25.5	19.5	19.5	26.0	27.5	28.0	30.0	26.0	26.5	23.0	25.5	27.5	20.0	15.0	17.5	27.0	26.0	25.0	25.0	25.0
Indiana	23.0	29.5	28.5	24.0	22.5	20.5	23.0	25.5	24.0	24.5	20.0	22.5	23.0	21.0	25.0	24.5	19.2	23.0	17.0	15.0	20.0	23.2	20.0	25.0	20.0	20.5	21.1	23.0	24.0	20.0	12.5	16.1	22.0	19.0	24.0	20.0	21.0
Illinois	30.5	31.5	33.5	29.0	28.5	31.5	25.5	30.5	28.0	31.5	26.0	28.5	31.5	32.0	35.0	31.5	24.0	30.4	26.3	29.5	29.0	32.0	33.0	31.0	29.5	29.5	25.5	30.0	29.0	28.5	15.0	11.0	24.5	27.0	27.5	30.0	24.5
Michigan	24.0	26.0	24.5	24.5	20.5	23.5	22.9	25.0	21.5	24.5	23.0	25.0	26.5	22.0	26.0	28.0	16.2	25.5	15.0	23.0	21.0	29.4	22.5	26.5	26.5	28.5	19.4	27.5	26.0	20.5	13.5	20.2	27.0	20.0	22.5	27.5	29.0
Wisconsin	30.0	31.0	30.5	30.5	23.0	30.0	27.0	25.0	25.0	29.0	25.5	27.5	35.0	28.5	31.0	33.5	24.5	28.5	21.0	31.0	26.0	30.0	33.0	31.0	31.0	33.0	29.0	34.0	26.0	30.0	22.0	25.6	27.5	20.5	26.0	31.5	29.0
Minnesota	23.0	26.5	26.0	27.0	20.0	23.0	22.2	19.0	18.0	27.0	23.0	21.5	30.0	19.5	25.0	29.0	19.0	23.5	17.5	25.0	22.5	30.5	28.0	22.5	27.0	27.5	24.0	26.5	20.0	24.0	15.5	14.7	25.5	15.5	25.5	24.5	28.0
Iowa	24.0	27.5	26.0	26.0	23.0	24.0	19.0	29.5	19.5	30.0	23.0	25.5	28.5	29.0	32.0	28.5	23.0	26.5	22.5	27.0	27.0	29.7	30.5	28.5	30.0	32.5	29.0	29.5	26.0	25.0	16.0	12.6	26.5	16.0	32.0	30.5	24.5
Missouri	16.0	15.0	19.5	16.0	17.5	13.0	17.0	19.0	12.0	17.5	15.0	16.5	16.5	16.5	19.0	17.5	18.0	21.5	20.0	18.0	18.5	19.0	22.0	19.0	18.0	18.0	13.0	20.0	22.0	17.0	16.5	15.0	17.0	17.0	18.5	19.0	21.0
North Dakota	18.5	23.5	25.0	23.5	18.5	19.0	21.7	5.0	19.5	25.0	19.0	19.0	26.5	14.5	12.5	21.0	11.5	17.5	14.5	22.0	16.0	23.5	20.0	13.5	22.5	23.0	13.5	16.5	11.0	17.0	10.5	10.4	18.0	9.5	16.5	17.0	18.5
South Dakota	26.5	26.0	29.0	29.0	23.0	24.5	20.1	14.0	5.0	22.5	14.5	19.5	27.5	18.5	23.5	25.5	17.0	22.0	15.0	20.0	19.5	23.7	23.0	12.0	26.0	20.5	17.3	21.5	9.5	23.0	7.0	8.3	19.5	10.7	14.5	22.0	17.0
Nebraska	21.0	23.0	22.5	22.0	15.5	17.5	17.5	14.0	5.0	20.5	12.5	19.5	25.0	21.5	16.5	11.0	21.0	25.0	20.5	15.0	23.0	17.6	18.0	16.5	26.0	28.0	23.7	25.5	16.0	19.5	10.5	8.7	22.0	10.0	16.5	23.5	13.0
Kansas	24.0	14.0	18.0	13.5	5.0	10.0	13.4	13.0	7.0	20.0	7.0	20.0	24.5	12.0	7.0	9.0	21.0	20.5	15.5	14.4	18.0	13.0	10.5	9.8	12.0	21.0	16.5	20.5	16.0	14.0	8.5	8.2	14.0	11.0	11.5	17.0	11.0
Delaware																																					
Maryland	28.5	29.5	33.0	33.0	32.5	29.5	30.1	35.0	28.0	34.0	27.0	31.0	35.0	32.0	24.0	28.0	29.0	23.5	26.0	27.0	27.0	28.0	28.5	30.0	26.5	27.5	29.0	30.5	31.0	28.0	25.5	27.5	34.5	25.0	33.0	30.5	30.0
Virginia	25.5	23.5	25.0	25.0	23.0	25.5	25.6	25.0	22.0	25.0	24.5	24.0	26.0	25.5	26.0	26.0	26.4	25.0	21.5	26.0	25.0	24.5	24.0	29.0	24.0	27.0	25.6	22.5	33.0	24.0	23.0	22.5	26.0	20.0	29.0	24.0	29.0
West Virginia																											22.5	23.5	27.0	25.0	23.0	20.0	27.0	22.5	27.0	28.0	24.5
North Carolina																						18.0	18.0	20.0	18.5	18.0	18.0	17.5	20.0	15.0	17.5	18.0	19.0	17.0	20.0	19.0	20.0
South Carolina																																					
Georgia																																					
Florida																																					
Kentucky	21.5	24.5	24.5	23.5	23.5	22.0	24.0	22.0	21.5	26.0	23.5	25.0	24.5	22.0	23.0	23.5	21.5	22.5	21.0	23.5	22.5	20.0	22.0	24.0	22.5	20.5	23.5	20.0	28.0	20.0	23.0	19.0	21.0	20.0	26.0	24.0	22.0
Tennessee	17.5	18.0	18.5	19.0	20.0	21.0	20.7	21.5	21.0	20.5	18.5	20.5	18.5	17.5	17.0	18.0	16.3	19.4	17.6	17.0	17.5	16.7	18.0	21.0	14.5	17.1	19.1	17.6	21.0	16.2	18.0	16.0	16.5	16.0	18.0	18.0	17.5
Alabama																																					
Mississippi																																					
Arkansas																																					
Louisiana																																					
Oklahoma	20.0	13.0	16.0	19.0	11.5	11.5	12.4	17.5	5.0	16.5	7.0	17.0	19.5	7.5	12.5	11.0	23.0	16.5	14.5	12.5	15.5	17.5	11.0	20.0	11.0	16.5	16.0	14.5	21.0	13.0	9.0	16.0	16.5	10.0	17.5	19.0	16.0
Texas	21.0	19.5	20.0	23.0	17.0	21.0	13.5	25.0	18.0	25.0	20.0	23.0	25.0	13.5	12.0	13.5	30.0	19.0	19.0	15.0	19.5	17.1	10.0	26.0	13.5	18.0	19.3	15.0	23.5	16.0	10.0	14.2	15.0	14.0	16.5	17.0	15.0
Montana	34.0	23.0	30.5	37.0	29.5	26.0	27.7	19.5	27.0	30.5	29.0	26.5	35.0	30.0	16.0	24.0	12.0	18.0	20.5	26.5	18.0	31.1	29.4	25.5	20.5	21.0	23.0	31.0	28.0	16.0	16.5	15.0	22.0	15.0	20.0	19.0	14.0
Idaho	33.0	32.0	32.0	30.0	35.0	31.5	34.7	25.5	35.0	36.5	35.0	32.5	35.0	33.5	23.5	23.5	20.0	33.5	26.0	27.5	34.0	25.0	34.0	31.0	34.5	33.5	32.0	35.0	30.0	36.0	28.0	34.5	35.0	33.0	36.0	38.0	36.0
Wyoming	23.5	22.0	28.0	20.5	23.0	21.0	22.1	18.0	22.0	26.0	24.5	25.0	30.5	22.5	26.5	35.0	14.5	26.0	20.5	21.0	21.5	20.5	25.0	25.5	27.0	24.0	20.5	19.5	17.5	20.0	18.0	22.0	24.0	21.0	24.0	26.0	24.0
Colorado	27.5	28.5	28.5	28.0	26.0	23.0	26.5	20.5	19.5	27.5	21.0	26.5	26.0	20.5	24.0	21.0	18.5	22.5	21.5	20.5	22.0	16.0	15.0	15.5	20.0	23.0	18.0	20.5	15.5	16.5	15.0	19.7	20.0	18.5	21.5	23.5	19.5
New Mexico	25.0	8.0	16.0	27.5	26.5	18.5	20.4	12.5	19.0	21.5	16.5	23.0	19.0	12.5	13.0	18.5	22.0	21.0	21.0	12.0	17.0	12.0	14.5	21.0	16.0	18.0	18.7	20.0	23.0	20.0	18.0	22.4	23.0	21.0	21.0	21.0	20.0
Arizona	26.5	28.5	28.0	29.0	30.0	29.5	30.7	29.0	29.5	30.5	29.0	29.0	30.5	28.5	29.0	28.0	31.0	30.0	29.0	25.0	30.0	26.5	32.0	27.0	30.0	30.5	29.0	28.0	30.0	30.0	32.0	29.1	33.0	33.0	29.0	31.0	33.0
Utah	32.0	38.0	36.0	37.5	35.0	38.0	33.3	30.0	33.5	36.0	34.5	36.0	33.5	27.0	32.5	29.0	22.9	29.0	31.0	27.0	34.0	28.5	37.5	34.0	39.0	40.0	38.2	41.0	34.0	39.0	33.0	36.0	38.0	37.0	39.0	41.0	37.0
Nevada	35.0	36.0	31.0	35.0	33.0	32.5	33.8	28.0	32.5	34.0	32.0	31.0	29.5	30.0	31.0	26.5	26.5	38.0	31.1	29.4	25.4	39.5	48.0	40.0	47.0	35.0	34.0	40.0	35.0	38.0	38.0	41.0	38.0	32.0	38.0	38.0	35.0
Washington	29.0	31.0	34.0	30.0	33.0	27.0	33.9	24.0	32.0	34.0	32.5	33.0	33.5	33.5	22.5	13.0	27.0	33.0	33.0	21.0	42.0	23.0	31.0	30.5	37.0	31.5	30.0	30.0	30.0	29.0	35.0	29.5	30.5	35.0	34.0	32.5	32.5
Oregon	23.0	27.0	28.5	26.0	32.5	21.0	21.8	23.0	23.0	28.5	26.0	23.5	25.0	27.0	18.0	17.0	21.5	27.5	27.5	24.0	27.5	22.0	28.0	24.0	32.5	29.0	30.5	31.2	30.0	28.0	29.5	26.8	27.0	30.0	32.0	25.0	29.5
California	22.0	20.5	21.0	26.0	23.5	21.0	22.1	25.0	25.5	24.5	20.0	28.5	27.0	26.0	28.5	25.5	27.0	24.0	25.0	30.5	28.1	21.9	27.5	27.3	26.5	28.0	27.3	30.0	18.0	30.0	26.2	23.6	31.0	28.5	27.0	25.0	25.0
United States	24.0	25.2	25.8	26.6	22.0	23.1	22.5	18.9	19.1	26.1	20.7	23.2	28.4	20.9	21.6	24.5	19.9	23.0	18.8	23.2	22.2	23.5	23.5	21.0	25.3	25.8	20.7	23.8	17.8	22.6	15.9	17.8	23.1	17.6	22.1	24.1	21.9

TABLE 52.—*Rice: Yield per acre (bushels)*

State	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine																																													
New Hampshire																																													
Vermont																																													
Massachusetts																																													
Rhode Island																																													
Connecticut																																													
New York																																													
New Jersey																																													
Pennsylvania																																													
Ohio																																													
Indiana																																													
Illinois																																													
Michigan																																													
Wisconsin																																													
Minnesota																																													
Iowa																																													
Missouri																														50.0	75.0	61.0	25.0	40.0											
North Dakota																																													
South Dakota																																													
Nebraska																																													
Kansas																																													
Delaware																																													
Maryland																																													
Virginia																																													
West Virginia																																													
North Carolina	11.5	11.0	11.0	16.0	12.7	7.5	14.0	12.5	14.5	16.5	17.0	19.0	20.0	20.5	21.8																															
South Carolina	24.0	22.0	23.0	25.0	21.9	17.0	22.0	22.5	23.5	22.5	24.0	24.5	27.0	23.0	27.8	27.5	11.5	23.0	22.0	23.0	21.0	21.5	20.5	18.5	18.7																			
Georgia	21.0	19.0	20.0	17.5	18.3	18.0	21.0	20.5	22.0	22.5	22.0	22.0	23.5	22.5	23.1	23.0	20.0	22.0	22.0	22.5	22.0	20.0	22.0	17.5	14.6																			
Florida	15.0	15.5	15.5	14.0	15.0	15.0	16.0	15.5	16.0	17.0	17.5	17.5	18.5	18.5	19.8	21.0	20.0	21.0	19.5	18.0	18.5	18.5	19.0	17.0	16.4																			
Kentucky																																													
Tennessee																																													
Alabama																																													
Mississippi																																													
Arkansas											32.0	38.0	37.5	42.5	46.8	45.0	44.0	43.5	42.0	42.5	46.0	50.5	45.5	42.0	47.5	49.0	53.5	48.0	39.5	43.0	43.0	52.8	43.0	47.9	51.0	47.5	55.0	51.0	49.0	47.2	44.0	54.7	56.0	51.4	51.0
Louisiana	28.0	19.0	25.5	29.0	30.8	32.0	32.0	23.0	34.0	31.0	33.0	34.0	35.0	26.5	34.1	37.0	33.5	35.5	32.0	36.0	33.5	46.0	33.0	32.0	35.0	37.0	33.7	34.8	33.5	35.0	34.2	33.0	38.1	38.1	40.5	39.0	35.0	39.5	41.0	40.4	42.0	44.0	40.0	42.0	43.0
Oklahoma																																													
Texas	40.0	22.5	33.5	38.0	29.7	37.0	36.5	39.0	44.0	42.0	41.5	39.5	41.0	41.0	37.8	36.5	38.5	37.0	32.0	33.5	30.5	44.5	29.0	33.0	32.0	34.0	36.1	35.0	40.0	40.0	39.8	40.5	48.2	50.1	48.8	53.6	51.7	49.0	49.6	49.8	52.0	52.0	57.0	51.0	52.0
Montana																																													
Idaho																																													
Wyoming																																													
Colorado																																													
New Mexico																																													
Arizona																																													
Utah																																													
Nevada																																													
Washington																																													
Oregon																																													
California																		57.0	60.0	60.0	62.0	60.0	60.0	57.5	60.0	51.0	54.0	55.0	53.5	48.5	46.6	53.6	56.0	61.9	60.2	66.1	66.0	70.9	64.0	76.4	74.0	68.0	69.0	67.0	75.0
United States	25.4	19.3	23.6	26.4	26.5	27.1	30.0	26.7	34.9	33.5	35.1	35.2	36.9	37.6	35.6	37.1	35.6	36.9	33.5	36.3	35.3	46.9	36.4	36.3	39.6	39.8	39.7	39.6	38.0	39.0	38.7	41.4	43.3	45.1	46.0	46.5	46.2	47.6	47.2	48.1	48.3	50.8	49.1	48.8	50.3

TABLE 53.—*Potatoes: Yield per acre (bushels)*

State	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902
Maine	128	70	105	120	108	118	82	114	118	105	114	116	90	114	96	64	114	123	110	138	138	98	157	106	128	156	117	145	154	114	160	52	132	137	126	150	130
New Hampshire	128	88	100	117	90	144	92	115	114	120	100	128	110	117	113	105	87	127	115	124	113	65	120	87	100	126	94	119	117	131	115	51	104	125	95	100	111
Vermont	108	99	110	130	109	106	81	127	113	120	107	114	94	115	114	100	104	130	120	108	121	70	111	78	115	127	76	112	116	118	120	68	103	125	126	93	104
Massachusetts	94	70	90	91	70	97	92	99	84	109	66	93	75	99	88	89	78	104	86	94	95	64	105	73	89	122	96	101	90	129	88	68	96	132	88	87	114
Rhode Island	94	83	98	105	85	99	83	75	95	99	48	118	92	105	90	90	84	103	88	99	92	72	93	59	94	106	94	91	107	101	120	87	125	145	112	110	152
Connecticut	97	70	100	109	72	98	87	98	93	105	53	65	48	93	90	75	82	112	89	107	94	79	101	72	92	117	97	93	100	131	92	66	115	129	84	89	124
New York	99	70	103	108	72	102	88	100	95	107	50	103	65	99	86	70	77	105	90	80	94	78	100	69	86	108	90	92	94	121	85	63	85	95	89	86	72
New Jersey	83	68	85	95	72	95	76	90	70	83	40	95	79	86	80	68	83	100	94	85	90	92	95	87	98	114	90	94	85	112	94	88	85	86	90	70	152
Pennsylvania	98	77	82	95	81	95	85	90	79	96	64	94	66	89	88	67	92	90	96	80	91	73	100	67	84	100	75	87	75	111	109	74	65	96	70	74	90
Ohio	75	71	77	91	75	92	79	81	67	101	65	87	70	82	79	45	80	104	81	87	91	50	99	85	63	103	80	74	69	54	89	68	91	82	91	76	97
Indiana	72	60	64	70	45	56	70	56	60	78	65	80	64	64	55	34	82	80	65	70	72	33	72	84	35	80	54	40	55	65	84	30	67	74	81	30	92
Illinois	74	69	69	103	64	54	94	46	66	116	72	90	74	72	67	42	110	105	94	93	74	44	89	104	31	93	62	59	52	84	101	44	68	95	85	35	100
Michigan	100	103	89	103	87	70	84	92	90	105	52	92	91	85	108	71	105	76	97	92	72	44	85	79	55	93	67	64	52	99	82	77	80	75	95	82	83
Wisconsin	88	103	66	114	62	108	113	100	102	123	85	96	86	95	107	89	95	103	112	71	86	80	111	103	78	109	83	80	43	98	73	88	92	96	99	70	111
Minnesota	92	97	95	92	64	106	106	91	94	99	95	86	96	102	102	97	95	105	102	96	99	90	114	105	77	121	88	72	50	142	87	105	90	100	85	71	110
Iowa	76	92	85	90	78	100	97	47	76	101	79	93	90	89	84	58	93	102	92	90	60	63	104	103	53	105	64	72	49	107	95	59	81	98	78	34	94
Missouri	72	85	53	101	61	80	84	50	39	90	75	84	76	62	70	39	88	83	85	79	57	65	84	85	45	85	54	75	62	97	79	48	78	83	89	17	106
North Dakota																	98	95	80	68	32	83	72	73	20	98	89	69	73	114	94	96	90	103	50	105	105
South Dakota																	63	61	54	48	35	56	51	51	27	66	55	54	32	67	89	88	76	87	77	46	86
Nebraska	60	89	70	90	76	98	86	53	42	98	77	80	95	82	74	66	79	83	85	80	59	53	60	88	30	81	42	60	48	73	70	50	76	93	54	33	102
Kansas	66	103	61	107	63	83	76	44	18	92	62	67	72	55	53	22	72	71	72	68	48	42	49	73	27	72	46	55	45	68	66	48	74	95	65	23	113
Delaware	99	85	99	75	67	88	57	73	83	83	44	87	99	91	83	68	87	92	82	94	92	91	93	83	91	95	73	83	88	65	60	78	65	72	71	81	102
Maryland	84	78	81	72	74	82	65	80	59	72	74	84	83	76	75	69	84	84	75	79	76	76	80	70	73	81	64	65	63	85	87	79	64	75	70	75	92
Virginia	68	66	71	52	67	60	57	75	59	74	64	66	75	61	64	50	72	64	55	56	68	58	67	66	62	73	62	73	65	69	91	71	78	77	75	90	85
West Virginia	83	71	69	74	80	72	71	75	52	80	72	66	77	71	75	58	79	81	58	75	73	44	62	72	53	77	66	60	53	55	93	59	69	75	80	54	95
North Carolina	74	77	74	65	79	70	78	69	58	75	73	72	81	70	64	57	84	57	70	76	70	67	68	69	67	69	72	75	67	73	75	74	75	69	75	77	76
South Carolina	45	88	77	50	72	77	74	84	75	82	84	86	77	76	76	57	80	66	77	79	80	72	70	72	76	80	80	85	76	89	70	92	85	81	97	95	89
Georgia	67	85	73	66	80	74	72	76	75	74	78	71	80	70	69	64	85	61	68	78	76	68	72	74	75	78	75	78	71	81	67	58	73	65	88	81	68
Florida																	64	50	64	60	60	58	67	61	53	52	59	64	64	53	72	74	47	62	60	63	71
Kentucky	89	65	88	76	86	65	85	72	40	87	79	84	75	62	74	56	88	76	71	75	85	44	65	88	37	88	76	71	68	81	95	42	73	72	87	41	91
Tennessee	76	61	66	54	72	58	65	65	47	69	68	64	67	60	64	54	76	66	65	66	70	55	71	74	60	65	68	67	62	63	60	51	62	52	68	58	64
Alabama	81	85	83	82	84	82	80	88	73	79	83	78	87	85	84	77	85	72	81	82	80	81	80	82	77	79	79	77	77	76	62	70	70	62	76	73	63
Mississippi	68	80	82	72	71	69	67	72	51	73	70	70	75	76	73	61	73	63	72	69	70	64	68	71	65	68	72	70	68	60	55	61	71	62	74	69	66
Arkansas	82	84	95	85	92	80	88	83	55	91	85	86	88	60	78	66	90	75	83	82	82	78	85	84	69	81	78	80	78	76	53	67	76	67	75	48	72
Louisiana	35	65	69	68	51	49	35	51	40	49	49	56	34	47	54	44	51	51	39	48	41	47	40	47	51	50	56	65	54	65	42	76	61	60	69	59	63
Oklahoma																															55	86	69	78	82	48	92
Texas	91	72	76	75	68	65	73	74	58	67	63	66	62	50	72	48	75	66	65	70	66	66	78	76	63	72	76	68	69	78	41	78	66	62	61	62	66
Montana																	136	119	119	95	128	133	127	104	117	144	135	124	152	127	144	143	162	139	125	137	142
Idaho																	125	122	125	90	115	117	101	100	98	123	88	110	125	94	114	118	129	111	118	92	131
Wyoming																	100	115	110	108	112	107	110	84	90	115	95	95	125	85	118	98	84	93	64	96	108
Colorado														64	60	63	75	75	80	65	80	85	73	55	86	93	84	90	101	103	78	97	99	101	66	102	88
New Mexico																				49	59	49	59	58	58	60	55	63	59	72	66	74	73	65	30	74	73
Arizona																																		54	30	46	49
Utah																	103	118	103	115	75	110	100	79	100	124	80	132	142	124	134	154	160	142	157	137	160
Nevada														151	150	173	176	184	165	172	165	172	165	146	155	154	153	178	161	150	156	170	173	162	177	167	172
Washington																	146	102	143	125	129	121	125	110	130	133	112	125	123	137	127	155	124	142	118	118	136
Oregon				120	104	104	107	133	122	142	117	117	94	136	123	138	113	91	138	107	80	87	125	80	99	123	103	99	115	99	85	123	94	125	105	77	99
California		90	123	102	60	62	89	104	82	80	108	95	90	107	101	78	88	101	110	102	96	95	94	96	102	103	110	116	122	120	95	135	99	125	122	121	136
United States	91.1	77.3	85.9	97.8	74.8	90.1	85.7	83.9	79.3	100.5	68.8	92.5	76.3	86.4	83.9	62.7	89.0	95.7	90.2	84.4	81.5	64.7	92.0	83.7	66.5	100.1	75.5	78.1	68.9	97.8	88.5	70.5	83.5	92.7	86.6	70.3	96.4

TABLE 53.—*Potatoes: Yield per acre (bushels)*—Continued

State	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine	170	180	190	215	150	195	210	195	195	220	260	270	185	210	130	170	230	190	280	170	260	296	250	285	230	220	292	250	258	238	280	324	240	285	280	242	225
New Hampshire	119	136	110	116	133	113	136	137	125	140	123	157	99	113	103	124	102	127	125	85	140	140	120	130	125	110	145	175	160	160	175	172	115	170	145	135	150
Vermont	142	134	97	111	134	112	154	125	102	146	130	148	97	107	108	103	95	130	120	100	145	140	95	125	125	120	125	158	142	140	122	160	115	145	133	120	130
Massachusetts	102	119	99	104	111	99	121	114	103	122	108	140	98	97	119	127	90	115	115	85	145	135	110	125	85	90	105	162	125	145	148	140	104	155	135	130	155
Rhode Island	136	131	120	130	124	130	119	140	106	138	125	155	111	90	143	135	100	110	120	95	145	130	125	150	100	110	127	195	150	160	180	185	175	180	195	160	190
Connecticut	102	113	106	122	108	90	112	110	82	107	97	129	97	101	117	103	75	120	103	105	135	110	125	130	90	115	117	175	160	165	160	176	132	170	170	140	185
New York	95	98	77	105	94	83	123	116	84	126	82	130	72	80	114	102	105	125	103	108	123	136	90	120	112	119	101	117	139	135	123	143	110	120	125	122	127
New Jersey	126	153	120	144	132	81	110	137	95	137	122	162	164	163	148	127	125	156	95	173	95	140	106	145	161	165	129	188	177	150	152	160	166	170	181	195	136
Pennsylvania	83	106	90	98	96	72	83	93	71	114	90	95	80	77	96	76	95	113	78	104	101	111	117	107	110	127	107	95	135	110	113	145	114	132	123	114	120
Ohio	94	99	86	109	86	78	96	85	64	101	77	92	69	50	110	70	61	102	58	85	98	84	103	92	101	96	96	88	102	99	72	105	108	111	85	107	105
Indiana	72	88	80	88	72	57	90	72	58	100	60	60	84	46	82	66	40	91	49	73	99	92	80	85	95	105	84	89	85	90	56	96	80	81	100	95	95
Illinois	80	101	80	80	87	71	88	71	48	95	49	56	99	58	85	72	55	65	43	63	92	110	60	80	84	110	84	78	85	90	33	59	82	62	78	98	93
Michigan	92	114	76	94	104	82	105	105	97	112	93	119	62	44	103	88	86	109	76	106	110	125	102	121	84	116	71	63	92	104	75	112	87	95	103	120	97
Wisconsin	68	123	85	120	107	92	110	93	125	125	115	122	100	52	120	108	90	109	72	118	96	124	108	114	92	112	96	76	93	87	70	108	82	82	73	90	88
Minnesota	82	114	96	110	124	97	120	63	114	123	110	106	105	60	102	103	81	99	68	90	94	122	96	98	99	109	78	72	80	78	65	57	84	47	103	90	85
Iowa	74	128	93	104	93	88	87	66	67	108	60	87	105	48	100	74	46	108	45	103	84	130	63	79	82	128	100	70	55	110	68	63	75	53	82	98	100
Missouri	69	93	82	84	79	83	81	84	29	87	43	46	93	60	88	54	62	82	58	60	100	93	57	80	83	121	79	105	75	95	46	32	78	52	90	108	88
North Dakota	90	112	98	98	94	92	103	41	104	110	92	100	90	84	42	102	58	74	88	87	83	86	70	77	97	99	56	65	74	58	62	45	98	55	105	85	72
South Dakota	87	92	90	89	73	79	69	42	60	80	66	69	85	51	74	80	50	97	59	80	88	84	71	68	115	96	75	63	40	67	40	30	68	29	59	56	80
Nebraska	64	94	83	72	101	104	111	56	44	77	102	71	92	96	77	66	100	85	102	139	111	89	84	82	99	119	101	100	60	70	80	50	80	55	115	78	95
Kansas	54	76	73	77	57	72	72	57	22	77	43	55	77	65	50	49	65	85	65	64	86	97	67	91	110	150	90	114	70	115	50	34	75	57	77	111	76
Delaware	103	101	105	98	102	78	91	93	74	100	95	84	98	94	99	87	83	106	50	96	80	90	64	86	119	94	86	56	96	86	74	98	94	95	95	92	80
Maryland	89	99	100	99	101	81	88	96	59	109	90	87	109	107	118	94	105	112	80	115	90	98	80	97	133	127	113	84	105	92	95	102	95	105	116	115	95
Virginia	89	103	104	95	107	100	101	109	75	110	115	80	130	135	126	114	113	112	105	114	103	144	100	105	161	156	148	121	122	103	92	131	126	90	120	132	87
West Virginia	79	99	90	94	81	85	96	86	41	104	73	46	112	83	103	77	82	115	76	95	110	92	79	100	105	120	105	63	80	85	63	70	85	60	102	85	95
North Carolina	73	81	81	76	82	78	74	83	48	85	80	53	92	90	87	98	84	94	85	98	90	110	79	93	97	113	99	95	108	97	95	115	107	74	102	110	100
South Carolina	97	93	95	92	88	92	91	94	80	90	87	76	87	89	116	115	85	114	115	117	129	126	112	130	114	113	130	135	140	90	108	124	105	100	120	115	111
Georgia	84	76	77	76	76	75	75	75	59	75	79	55	68	59	68	70	63	64	62	72	71	64	41	64	70	66	68	67	66	64	62	74	70	48	66	68	77
Florida	77	88	89	80	81	82	101	76	86	96	105	103	90	80	118	115	99	96	96	110	92	88	124	118	105	125	118	80	132	70	130	139	97	87	121	132	120
Kentucky	75	91	88	94	88	68	92	91	39	97	49	40	107	81	88	70	65	88	55	80	86	95	68	89	90	106	95	63	72	77	66	70	85	36	93	103	84
Tennessee	70	73	73	75	72	72	71	74	42	71	56	48	78	72	77	63	67	75	50	73	78	78	53	77	85	88	81	67	59	69	66	77	71	37	79	80	71
Alabama	75	78	76	78	77	79	78	77	69	73	71	62	66	70	68	69	69	73	69	82	74	89	64	72	73	76	77	77	94	69	72	93	85	87	84	103	108
Mississippi	74	78	76	79	76	80	77	78	69	78	75	74	74	76	70	80	76	75	65	78	68	71	60	66	72	79	78	66	79	70	62	75	71	68	72	72	71
Arkansas	76	76	75	78	68	75	71	70	44	66	65	52	81	67	68	57	73	73	58	74	70	74	64	59	68	79	86	87	90	65	64	58	81	55	71	85	77
Louisiana	64	77	61	70	59	68	65	52	66	57	58	61	49	67	68	82	53	55	62	58	64	63	57	57	53	67	57	60	75	51	54	60	65	68	62	64	54
Oklahoma	85	85	86	89	71	74	59	70	29	69	64	75	88	70	62	48	75	71	53	74	68	70	77	73	73	72	75	88	70	80	62	59	70	64	74	72	68
Texas	70	74	66	77	73	71	62	61	63	61	60	62	60	58	65	70	65	54	64	64	56	69	58	73	65	64	71	81	72	63	58	60	54	65	64	59	62
Montana	157	125	153	144	157	132	157	112	136	172	147	148	170	156	115	165	75	110	115	128	110	87	108	85	140	115	89	90	85	100	90	78	85	95	100	90	90
Idaho	130	124	131	147	150	136	166	124	160	175	155	140	158	164	170	175	147	195	185	165	180	168	200	185	230	184	188	250	220	200	230	193	215	210	245	250	230
Wyoming	142	116	140	86	116	116	112	88	36	120	113	84	116	106	104	110	73	105	95	110	100	90	115	110	130	105	92	140	95	50	100	43	90	65	96	60	80
Colorado	121	134	111	102	120	120	137	104	64	130	91	139	151	142	160	154	115	135	132	140	123	145	195	145	165	155	163	190	95	110	150	84	180	185	148	130	160
New Mexico	74	77	77	80	85	75	75	35	70	69	56	70	73	71	75	64	40	50	55	35	50	52	65	70	75	70	80	70	60	72	80	53	70	90	72	75	80
Arizona	68	68	75	78	82	77	84	75	84	97	75	89	84	91	91	72	70	90	115	85	60	54	57	55	80	74	85	88	70	85	80	65	70	90	80	110	100
Utah	162	168	175	161	122	153	170	139	128	170	160	123	125	167	175	158	138	165	145	165	168	137	155	145	135	144	185	180	130	150	150	115	150	150	165	165	160
Nevada	164	176	154	168	168	152	158	146	150	153	154	134	147	139	152	137	135	140	135	165	160	131	170	140	136	140	140	160	87	150	140	151	160	140	150	160	140
Washington	142	114	133	126	145	114	132	113	132	139	126	118	127	140	110	113	110	165	160	165	160	150	155	180	195	170	165	160	155	160	180	163	165	178	188	172	175
Oregon	110	75	106	98	114	90	109	88	101	116	108	75	97	113	80	87	89	130	90	105	104	96	113	106	120	123	102	155	130	120	160	144	135	170	160	180	160
California	127	140	141	142	143	129	145	142	147	138	123	135	137	132	138	128	130	140	140	150	175	176	185	175	175	160	205	210	195	193	240	240	245	265	267	275	306
United States	89.7	108.9	92.2	104.9	99.9	89.3	106.2	93.9	85.7	115.9	95.6	107.8	98.1	82.6	104.9	96.2	90.1	111.8	90.4	106.3	108.5	123.7	105.6	114.6	116.5	122.7	110.2	109.8	110.8	106.1	100.3	112.9	109.1	108.4	124.1	123.8	119.1

TABLE 54.—*Sweetpotatoes: Yield per acre (bushels)*

State	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903
Maine																																				
New Hampshire																																				
Vermont																																				
Massachusetts																																				
Rhode Island																																				
Connecticut																																				
New York																																				
New Jersey	118	98	118	100	98	104	100	110	124	130	122	98	108	83	112	63	87	118	102	108	106	112	107	92	111	98	118	84	116	101	122	118	119	119	109	107
Pennsylvania																																				
Ohio																																				
Indiana	78	79	77	78	76	72	79	65	78	78	72	75	71	47	82	74	74	85	87	69	90	85	82	96	88	67	73	83	93	67	87	80	87	63	102	94
Illinois	87	84	98	83	89	65	92	87	87	86	86	56	81	42	86	71	83	83	69	42	84	86	58	78	68	54	65	74	84	68	72	68	64	50	88	79
Michigan																																				
Wisconsin																																				
Minnesota																																				
Iowa							90	85	94	90	87	86	84	50	87	84	90	80	76	69	87	94	56	90	72	77	76	58	102	84	83	84	92	58	81	89
Missouri	67	68	70	67	70	47	47	66	67	70	60	65	63	30	75	70	59	78	60	65	82	90	74	87	77	80	61	91	93	79	93	76	89	30	112	104
North Dakota																																				
South Dakota																																				
Nebraska																																				
Kansas	34	67	52	62	48	26	20	55	49	35	20	38	27	24	46	62	76	68	62	59	66	96	46	83	74	59	56	104	92	72	102	104	90	56	117	96
Delaware	87	70	87	99	70	53	99	99	99	87	99	79	91	57	89	96	82	103	104	105	97	94	101	100	86	110	100	90	84	93	96	98	93	109	119	124
Maryland	51	44	82	94	76	73	76	87	85	89	91	78	52	51	95	92	77	95	95	97	95	83	90	92	82	87	104	79	115	110	100	105	103	110	116	117
Virginia	81	59	78	87	77	89	84	85	85	81	76	80	93	61	93	77	80	95	89	90	96	100	99	103	86	102	105	73	103	110	98	110	89	117	121	121
West Virginia	88	72	85	70	72	83	57	75	88	57	85	40	78	36	67	65	40	67	83	30	62	80	67	74	63	60	55	62	89	74	63	60	69	65	64	68
North Carolina	94	75	108	83	96	98	96	98	98	97	97	90	100	74	102	87	86	93	94	93	94	79	88	81	74	87	83	73	75	89	83	84	61	88	89	98
South Carolina	70	38	74	60	57	80	72	61	70	60	73	56	62	35	75	43	66	67	68	65	70	67	78	80	77	76	81	66	64	82	72	69	51	80	85	86
Georgia	86	50	94	77	74	88	82	66	75	67	84	72	80	62	99	58	65	84	74	74	88	79	82	81	86	86	90	85	63	68	94	72	88	97	87	91
Florida	102	92	89	93	92	102	93	87	85	91	95	88	97	85	97	94	98	95	93	95	93	94	89	90	85	95	100	101	96	104	95	90	87	94	83	98
Kentucky	69	43	64	48	62	51	42	40	64	54	37	48	49	15	66	51	53	58	78	41	70	83	79	85	79	71	72	90	92	60	90	65	88	78	89	91
Tennessee	65	41	84	64	58	76	62	70	84	63	68	67	76	43	81	67	69	71	79	58	86	83	80	83	84	73	76	76	70	45	88	67	79	79	83	77
Alabama	97	68	92	78	74	93	63	78	75	70	87	80	98	70	93	53	66	88	78	67	85	77	97	88	97	82	93	84	68	54	99	68	91	83	62	81
Mississippi		103	77	86	78	69	86	68	96	89	75	85	86	92	60	97	64	80	94	90	80	97	73	94	80	95	92	96	86	69	102	74	89	83	75	79
Arkansas	98	72	96	76	52	81	20	102	86	78	81	70	92	20	95	50	52	66	78	64	90	94	85	94	95	89	102	99	57	55	110	75	106	75	104	110
Louisiana	106	81	82	79	59	80	62	88	74	89	72	74	85	40	87	59	47	93	70	75	76	72	73	70	76	78	84	82	52	76	87	68	85	76	72	84
Oklahoma																													100	99	104	78	95	57	95	98
Texas	120	83	84	47	47	106	64	72	79	70	84	75	103	30	101	53	47	88	74	82	96	105	84	80	97	67	107	81	55	88	97	76	106	69	85	98
Montana																																				
Idaho																																				
Wyoming																																				
Colorado																																				
New Mexico																																				
Arizona																																				
Utah																																				
Nevada																																				
Washington																																				
Oregon																																				
California																						130	134	146	140	154	150	166	126	174	130	149	159	149	152	146
United States	88	65	88	75	72	85	74	76	83	78	81	75	86	56	89	66	68	85	81	78	87	86	85	85	85	84	91	82	75	78	93	80	84	86	88	94

TABLE 54.—*Sweetpotatoes: Yield per acre (bushels)*—Continued

State	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine																																				
New Hampshire																																				
Vermont																																				
Massachusetts																																				
Rhode Island																																				
Connecticut																																				
New York																																				
New Jersey	137	149	137	123	168	142	152	135	139	143	116	138	98	110	111	115	135	105	155	110	135	110	135	110	130	125	120	150	130	165	146	145	150	142	105	155
Pennsylvania																																				
Ohio																																				
Indiana	105	103	102	102	82	114	102	112	114	100	103	110	106	118	115	110	120	135	125	120	115	110	120	110	115	130	100	135	100	95	78	85	80	125	115	105
Illinois	95	83	93	88	84	99	95	83	96	60	73	99	77	98	81	85	90	95	90	100	90	75	100	90	90	96	80	102	105	70	81	75	60	85	108	88
Michigan																																				
Wisconsin																																				
Minnesota																																				
Iowa	110	103	104	102	105	102	105	82	108	62	76	45	57	75	56	67	115	100	78	70	80	105	95	85	115	84	95	100	100	90	40	85	75	90	100	90
Missouri	115	114	117	109	121	110	125	104	111	63	88	107	82	106	82	90	101	96	93	103	96	86	104	101	95	90	85	90	90	75	58	75	58	85	85	85
North Dakota																																				
South Dakota																																				
Nebraska																																				
Kansas	99	115	126	118	122	114	116	88	121	71	106	119	100	99	76	105	135	125	105	110	115	125	125	135	135	120	105	95	120	98	50	70	60	80	125	80
Delaware	130	134	133	127	141	140	147	152	149	155	146	156	145	149	145	155	135	110	175	120	140	115	140	115	145	148	75	175	115	130	121	116	130	130	100	135
Maryland	126	130	124	126	129	134	129	134	140	134	133	142	138	141	137	145	130	100	155	130	140	135	165	165	190	181	80	183	101	135	129	128	150	125	130	160
Virginia	129	130	118	123	132	129	127	113	115	129	111	143	150	134	140	140	127	95	145	130	135	120	125	140	135	141	90	123	93	108	105	110	118	130	105	129
West Virginia	87	90	95	88	71	104	97	100	115	100	94	108	92	91	84																					
North Carolina	100	108	93	97	100	100	103	90	96	109	99	114	108	108	114	107	104	90	113	105	90	90	91	114	98	112	90	82	85	93	104	100	90	96	108	112
South Carolina	84	88	85	92	90	88	92	71	90	87	86	95	77	100	90	90	101	90	87	93	68	55	77	97	85	107	95	60	85	80	74	85	85	90	98	102
Georgia	89	93	95	95	91	88	86	83	92	90	91	86	84	98	96	92	93	85	84	85	76	50	86	81	73	93	74	49	74	73	71	84	65	75	75	76
Florida	90	101	94	95	94	95	84	92	98	96	88	86	84	96	92	95	92	85	80	95	84	80	90	85	85	91	68	67	60	62	71	70	65	65	70	60
Kentucky	105	111	110	106	101	112	98	99	108	76	101	105	92	100	90	85	95	90	105	95	75	80	105	85	80	91	65	96	86	88	90	80	61	90	95	82
Tennessee	88	95	96	95	100	96	97	100	103	85	104	113	107	112	105	112	103	106	106	111	89	84	122	99	94	102	85	78	88	90	103	80	77	102	103	79
Alabama	82	93	88	90	85	80	85	88	92	81	86	86	74	90	82	90	90	85	90	85	74	70	95	90	95	98	80	65	85	71	85	86	77	88	80	80
Mississippi	85	89	92	84	89	79	90	98	96	90	87	85	83	92	88	94	98	88	96	90	52	90	95	104	100	116	85	88	95	88	92	86	83	92	89	74
Arkansas	108	114	114	88	114	75	106	104	98	92	102	123	98	119	87	100	110	105	80	105	81	85	108	116	90	85	72	85	70	88	56	65	55	95	75	67
Louisiana	84	85	84	77	82	75	78	81	78	80	79	78	79	78	70	.80	90	80	85	80	45	70	78	82	77	74	68	73	66	67	66	72	69	73	70	73
Oklahoma	110	109	126	95	118	71	95	89	103	77	109	127	89	109	68	110	115	98	76	90	85	96	108	106	89	84	65	65	70	76	45	70	35	70	70	45
Texas	104	100	106	93	107	65	61	74	77	80	99	102	97	84	68	95	90	83	82	.80	65	70	88	85	78	76	70	72	76	80	49	90	65	72	75	60
Montana																																				
Idaho																																				
Wyoming																																				
Colorado																																				
New Mexico																																				
Arizona																																				
Utah																																				
Nevada																																				
Washington																																				
Oregon																																				
California	128	134	127	122	118	112	110	115	114	106	122	122	122	115	119	120	120	120	115	110	85	112	90	95	95	99	110	95	100	95	100	112	115	111	117	120
United States	97	102	99	96	100	92	95	92	97	94	95	101	94	100	93	99	100	90	96	95	80	79	98	98	93	101	81	79	82	83	81	86	78	89	87	84

TABLE 55.—*All hay: Yield per acre (tons)*

State	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine	0.85	1.05	0.95	1.00	0.90	1.05	0.90	1.10	1.10	0.95	1.02	0.79	0.72	0.98	1.00	0.86	0.86	0.85	0.90	0.93	0.96	0.90	0.94	0.81	0.80	0.78	0.87	0.87	0.85	0.93	0.91
New Hampshire	.96	1.09	.95	1.05	.90	1.05	.90	1.20	1.15	.95	1.10	1.09	.94	1.10	1.00	.95	1.00	.96	1.03	1.10	1.09	1.10	1.05	.84	.93	.94	1.06	.97	1.09	1.05	1.01
Vermont	1.08	1.35	1.20	1.30	1.15	1.10	1.10	1.49	1.44	1.15	1.34	1.15	.91	1.21	1.16	1.15	1.21	1.15	1.19	1.20	1.25	1.22	1.30	1.16	1.03	1.01	1.21	1.11	1.21	1.18	1.21
Massachusetts	1.22	1.38	1.10	1.24	1.19	1.29	1.19	1.39	1.34	1.14	1.33	1.28	1.17	1.28	1.24	1.09	1.23	1.13	1.31	1.34	1.28	1.26	1.39	1.21	1.32	1.24	1.43	1.21	1.47	1.46	1.27
Rhode Island	1.20	1.29	1.09	1.20	1.25	1.09	1.19	1.30	1.39	1.24	1.33	1.14	1.11	1.12	1.10	1.14	1.20	1.19	1.21	1.32	1.29	1.18	1.28	1.21	1.20	1.26	1.21	1.14	1.32	1.28	1.15
Connecticut	1.15	1.29	1.00	1.10	1.15	1.15	1.10	1.34	1.29	1.15	1.18	1.09	1.12	1.18	1.24	1.16	1.10	1.07	1.30	1.44	1.29	1.29	1.30	1.22	1.30	1.21	1.37	1.18	1.44	1.50	1.20
New York	1.08	1.32	1.02	1.20	1.14	1.15	1.08	1.40	1.28	1.05	1.27	1.08	.83	1.15	1.13	1.19	1.15	1.11	1.33	1.25	1.27	1.15	1.32	1.22	1.13	.97	1.35	1.02	1.39	1.35	1.05
New Jersey	1.32	1.56	1.15	1.46	1.31	1.37	1.46	1.60	1.46	1.45	1.37	1.55	1.25	1.55	1.07	1.68	1.52	1.50	1.57	1.64	1.43	1.35	1.59	1.42	1.48	1.58	1.58	1.23	1.64	1.64	1.36
Pennsylvania	1.08	1.35	1.00	1.40	1.30	1.30	1.20	1.50	1.30	1.30	1.25	1.20	1.06	1.40	1.01	1.44	1.21	1.07	1.40	1.36	1.26	1.11	1.20	1.08	1.24	1.05	1.34	1.00	1.32	1.35	1.10
Ohio	1.28	1.30	1.00	1.25	1.30	1.15	1.20	1.45	1.30	1.30	1.27	1.28	1.13	1.33	1.05	1.23	.82	.98	1.34	.97	1.34	.75	1.27	1.10	1.01	.85	1.38	1.00	1.32	1.40	1.31
Indiana	1.19	1.14	.90	1.24	.95	1.00	1.29	1.29	1.20	1.44	1.13	1.14	1.02	1.19	1.12	1.22	.94	1.19	1.25	1.18	1.26	.82	1.17	1.18	.99	.90	1.37	.93	1.35	1.42	1.38
Illinois	1.26	1.14	.75	1.24	.85	.75	1.29	1.39	1.10	1.20	1.21	.98	.99	1.27	1.07	1.25	.90	1.00	1.34	1.19	1.24	.95	1.21	1.28	1.15	.98	1.43	1.04	1.32	1.49	1.45
Michigan	1.24	1.20	1.15	1.25	1.05	1.25	1.15	1.45	1.25	1.00	1.11	1.12	.91	1.33	1.15	1.21	.82	1.10	1.23	1.22	1.28	.98	1.07	1.25	1.20	.79	1.44	1.15	1.37	1.40	1.29
Wisconsin	1.48	1.01	1.28	1.47	1.52	1.62	1.48	1.54	1.43	1.21	1.54	1.49	1.20	1.53	1.20	1.63	1.36	1.41	1.66	1.29	1.69	1.39	1.16	1.20	1.18	.94	1.83	1.30	1.41	1.74	1.44
Minnesota	1.47	.77	.98	1.36	1.27	1.47	1.37	1.48	1.20	1.14	1.40	1.30	1.25	1.19	1.01	1.22	1.31	.86	1.55	1.31	1.24	1.16	.94	1.25	.95	.68	1.47	.99	1.47	1.50	1.38
Iowa	1.50	1.04	.79	1.41	1.47	1.37	1.56	1.52	1.24	1.28	1.49	1.44	1.45	1.41	1.51	1.46	1.12	.99	1.34	1.23	1.52	1.30	1.07	1.51	1.23	.87	1.63	1.19	1.46	1.59	1.36
Missouri	1.10	1.15	.51	1.20	.61	.61	1.20	1.20	1.00	.80	1.18	1.07	1.01	.91	1.05	1.09	.84	.87	1.12	.93	.99	.71	.96	.89	.89	.60	1.11	.67	1.04	1.03	1.09
North Dakota	1.03	.51	.90	1.04	.83	1.02	.97	1.09	.63	.80	.86	.92	.91	1.02	.98	.90	1.01	.67	1.27	1.15	.84	.86	.69	.96	.71	.41	1.04	.60	.86	.93	.88
South Dakota	1.05	.54	.46	.89	.77	.95	1.06	1.01	.79	.92	.88	.98	.99	1.27	.89	.83	.77	.68	.58	1.00	.75	.76	.69	.52	.76	.51	.51	.76	.53	.67	.70	.67
Nebraska	1.26	.75	.67	.96	.93	1.15	1.36	1.11	.85	.82	1.17	1.23	1.12	1.04	1.24	1.13	.99	.85	1.19	1.03	1.10	1.09	.81	1.07	.88	.59	1.12	.67	.76	.98	.78
Kansas	1.44	1.16	.71	1.36	.90	1.28	1.58	1.39	1.15	.98	1.47	1.30	1.27	1.31	1.40	1.34	1.23	1.02	1.67	1.57	1.38	1.20	1.16	1.35	1.10	.69	1.33	.77	.99	1.38	1.18
Delaware	1.22	1.24	.84	1.19	1.14	1.00	1.09	1.34	1.19	1.15	1.27	1.36	1.20	1.43	1.09	1.41	1.25	1.27	1.43	1.38	1.23	1.02	1.41	1.37	1.39	1.33	1.40	1.22	1.32	1.39	1.26
Maryland	1.14	1.30	.70	1.40	1.05	1.15	1.10	1.35	1.15	1.15	1.14	1.24	1.09	1.37	.90	1.49	1.13	1.06	1.37	1.40	1.30	.84	1.19	1.14	1.28	1.34	1.32	.88	1.34	1.40	1.25
Virginia	.96	.93	.68	1.12	1.05	.77	1.15	1.16	.99	1.09	1.13	1.15	.86	1.10	.87	1.18	.76	.86	1.09	1.11	1.07	.52	1.10	.86	1.08	.89	1.09	.63	1.14	1.08	.95
West Virginia	.89	.90	.50	1.10	.95	.65	1.20	1.25	1.00	1.05	.99	1.05	.92	1.04	.96	1.24	.95	1.04	1.20	1.10	1.04	.63	1.00	.91	1.05	.75	1.13	.75	1.11	1.17	1.01
North Carolina	.86	.93	.77	.97	.97	.82	1.15	.87	.97	1.02	.95	.97	1.11	1.11	1.13	.81	.64	.83	.81	.83	.83	.73	.87	.70	.78	.84	.82	.77	.86	.91	.90
South Carolina	.89	.90	.75	.85	.90	.80	.95	.95	.85	.85	.87	.93	.81	.93	.78	.51	.24	.75	.69	.75	.69	.66	.72	.75	.73	.62	.74	.74	.83	.76	.82
Georgia	.86	.91	.86	.86	.81	.76	.76	.85	.80	.80	.78	.78	.80	.74	.60	.46	.33	.65	.66	.55	.50	.58	.51	.54	.49	.51	.57	.56	.59	.58	.53
Florida	.69	.68	.68	.68	.72	.72	.72	.75	.76	.77	.78	.76	.94	.65	.81	.64	.64	.67	.62	.64	.60	.59	.61	.45	.48	.57	.57	.54	.56	.58	.51
Kentucky	.99	.95	.80	.95	.80	.80	1.09	1.10	1.00	1.00	1.04	1.05	.92	1.08	1.07	1.11	.88	1.01	1.06	1.00	1.04	.61	1.06	1.05	1.10	.99	1.13	.67	1.13	1.30	1.16
Tennessee	1.01	1.00	.70	.95	.90	.89	1.09	1.04	.90	1.04	1.07	1.08	1.04	1.10	1.00	.99	.73	.96	.96	.97	.98	.63	.91	.87	.98	.88	.97	.68	.99	1.11	1.00
Alabama	.96	.91	.91	.86	.86	.72	.86	.76	.81	.81	.80	.75	.78	.85	.80	.68	.63	.87	.74	.70	.75	.68	.76	.70	.67	.71	.72	.73	.80	.81	.72
Mississippi	1.20	1.18	1.21	1.22	1.13	1.10	1.15	1.17	1.18	1.04	1.22	1.29	1.17	1.27	1.33	.90	.99	1.21	1.19	1.22	1.26	.92	1.30	1.14	1.11	1.11	1.07	1.14	1.26	1.23	1.26
Arkansas	1.05	1.10	.90	1.01	.96	.89	1.22	1.01	1.14	1.02	1.02	1.07	1.04	1.02	1.03	.99	.82	1.06	1.15	1.09	1.04	.81	1.19	.95	1.14	.76	.97	.80	1.13	1.04	1.10
Louisiana	1.34	1.39	1.30	1.21	1.25	1.39	1.20	1.30	1.19	1.14	1.29	1.26	1.17	1.19	1.32	.81	.94	1.11	1.24	1.38	1.26	1.04	1.45	1.15	1.15	1.03	1.04	1.16	1.22	1.12	1.27
Oklahoma	1.03	.90	.77	1.15	1.04	1.00	1.52	1.21	1.03	.93	1.41	1.52	1.47	1.41	1.35	1.24	.90	1.18	1.36	1.32	1.23	.98	1.03	1.15	.99	.81	1.26	.77	1.05	1.28	1.12
Texas	.91	1.06	1.00	1.18	1.10	1.23	1.22	1.03	.79	.78	1.19	1.07	1.02	1.02	1.03	1.06	.76	1.21	1.04	1.03	1.01	.93	1.03	1.05	.93	.69	1.07	.91	.91	.99	.89
Montana	1.49	1.14	1.51	1.43	1.37	1.42	1.53	1.37	1.17	1.30	.93	1.32	1.30	1.40	1.51	1.33	1.28	1.27	1.49	1.37	1.09	1.05	.92	1.23	1.10	.94	.91	.89	1.10	1.35	1.33
Idaho	2.16	1.90	2.30	2.39	2.21	2.29	2.45	2.31	2.34	2.17	1.95	2.14	2.22	2.13	2.02	1.68	2.29	2.00	2.33	2.15	2.03	2.01	1.80	2.20	1.89	1.89	2.00	2.27	2.13	2.17	2.02
Wyoming	1.46	1.08	1.35	1.48	1.49	1.42	1.41	1.29	1.40	1.53	1.13	1.39	1.22	1.23	1.32	1.14	1.25	1.32	1.30	1.27	1.19	1.09	.90	1.07	1.01	.94	1.21	1.01	1.11	1.05	.96
Colorado	1.73	1.38	1.51	1.78	1.63	1.79	1.61	1.46	1.73	1.67	1.66	1.88	1.74	1.59	1.66	1.49	1.58	1.69	1.66	1.56	1.58	1.56	1.25	1.35	1.39	1.14	1.45	1.45	1.46	1.55	1.31
New Mexico	1.88	1.90	1.99	2.08	1.91	2.04	1.88	1.79	1.71	1.80	1.79	1.75	1.80	1.56	1.69	1.80	1.81	1.82	1.82	1.78	1.86	1.81	1.85	1.73	1.83	1.72	1.79	1.89	1.87	1.76	1.74
Arizona	2.42	2.38	2.54	2.63	2.59	2.56	2.60	2.56	2.53	2.39	2.61	2.38	2.12	2.16	2.35	2.34	2.20	2.49	2.48	2.66	2.41	2.74	2.64	2.54	2.43	2.20	2.64	2.41	2.61	2.44	2.14
Utah	2.43	2.20	2.21	2.42	2.16	2.41	2.13	1.87	2.46	2.04	1.85	2.02	2.03	2.07	2.20	1.77	2.33	2.15	2.21	2.19	2.04	2.01	1.57	1.86	1.87	1.51	1.84	2.09	2.14	2.02	1.81
Nevada	1.48	1.52	1.58	1.51	1.57	1.72	1.50	1.55	1.69	1.57	1.55	1.80	1.68	1.66	1.46	1.40	1.61	1.53	1.51	1.62	1.50	1.62	1.42	1.67	1.44	1.44	1.48	1.66	1.65	1.62	1.44
Washington	1.82	1.82	2.12	1.92	2.02	1.93	2.02	2.12	1.93	1.59	1.78	1.74	2.01	1.70	2.11	1.60	1.86	1.80	2.03	2.00	1.80	1.76	1.81	1.81	1.62	1.65	1.72	1.85	1.87	1.80	1.89
Oregon	1.53	1.58	1.59	1.67	1.60	1.51	1.67	1.76	1.66	1.57	1.65	1.64	1.73	1.59	1.78	1.32	1.55	1.47	1.75	1.68	1.66	1.70	1.47	1.60	1.55	1.58	1.48	1.71	1.62	1.64	1.63
California	1.61	1.55	1.69	1.64	1.59	1.89	1.74	1.70	1.92	1.69	1.97	2.03	2.18	2.23	2.29	1.97	2.59	2.48	2.48	2.43	2.24	2.49	2.16	2.54	2.35	2.28	2.63	2.58	2.64	2.71	2.64
United States	1.27	1.10	.98	1.28	1.15	1.23	1.32	1.35	1.20	1.14	1.26	1.26	1.16	1.26	1.22	1.23	1.12	1.11	1.36	1.25	1.26	1.10	1.10	1.20	1.10	.93	1.32	1.04	1.25	1.33	1.22

TABLE 56.—*Wild hay: Yield per acre (bushels)*

State	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine	0.85	0.95	0.90	0.95	0.90	0.90	0.90	1.00	1.00	0.90	0.90	0.85	0.80	0.95	1.00	0.95	0.94	0.94	0.95	1.00	0.96	0.90	1.10	0.90	0.85	0.90	0.85	0.95	0.90	1.00	0.95
New Hampshire	.84	.95	.85	.95	.85	.90	.85	1.05	1.00	.95	.90	1.00	.95	.80	.75	.80	.95	.85	.90	1.00	1.05	.85	.90	.90	.80	.90	.90	1.00	.85	.90	.95	.90
Vermont	.94	1.05	1.00	1.05	.95	.95	1.00	1.10	1.05	1.00	1.05	1.00	.80	.85	.80	.85	1.00	.95	1.05	1.10	.86	.80	.85	.95	.80	.90	.95	.95	.95	.95	1.00
Massachusetts	1.00	1.05	1.00	1.05	1.00	1.05	1.00	1.05	1.00	1.00	1.10	.90	1.00	.90	.95	.90	.95	.95	1.05	1.05	.97	.90	.95	.85	.90	.95	.95	.80	1.00	1.00	.95
Rhode Island	.85	.90	.75	.80	.90	.95	.80	.85	.80	.90	.95	1.00	.75	.90	.95	.75	.90	.70	.80	.85	.80	.80	.80	.70	.90	1.00	1.00	.80	.90	.80	.85
Connecticut	1.05	1.10	.95	1.05	1.05	1.10	1.05	1.10	1.10	1.10	1.08	1.00	.95	1.00	1.05	1.00	1.05	1.00	1.20	1.20	1.16	1.00	1.10	1.05	1.10	1.00	1.00	1.05	1.15	1.15	1.10
New York	1.01	1.00	.95	1.05	1.00	1.00	1.05	1.25	1.10	1.05	1.10	.90	.85	.90	.90	.95	.95	.85	1.00	1.00	1.00	.90	.85	.95	.80	.75	.85	.90	1.05	1.00	.85
New Jersey	1.44	1.60	1.20	1.60	1.40	1.65	1.55	1.60	1.60	1.45	1.20	1.35	1.30	1.40	1.15	1.25	1.35	1.30	1.30	1.65	1.35	1.10	1.10	1.15	1.50	1.35	1.25	1.15	1.15	1.30	1.30
Pennsylvania	.88	1.05	.80	1.10	1.00	1.00	.95	1.15	.95	.95	1.15	.90	.85	.90	.85	1.00	.95	.95	1.05	1.05	.75	.70	1.05	.70	.80	.65	.85	.65	.90	.85	.70
Ohio	1.19	1.20	.95	1.20	1.20	1.05	1.25	1.30	1.20	1.30	1.30	1.28	1.40	1.50	1.15	.80	.80	.90	.75	.85	.75	.50	.85	.80	.70	.45	.85	.60	.85	.80	.85
Indiana	1.04	.95	.90	1.05	1.00	1.00	1.00	.90	1.05	.95	.99	1.00	.90	.95	.95	1.00	.75	.90	1.05	.85	1.00	.87	.89	.95	.85	.60	1.00	.75	.90	1.00	.90
Illinois	1.14	1.00	.70	1.00	.85	.80	1.00	1.05	1.00	1.00	1.00	.85	.85	.80	.80	.95	.75	.80	1.05	.80	.95	.80	.85	.90	.80	.50	1.00	.70	.85	.80	.80
Michigan	1.20	1.15	1.10	1.15	1.05	1.10	1.10	1.20	1.25	1.05	1.16	1.10	1.05	1.20	1.15	.85	.75	.80	.85	.85	.90	.80	.80	.80	.80	.70	.80	.80	.85	.85	.85
Wisconsin	1.32	1.10	1.15	1.25	1.30	1.35	1.30	1.35	1.30	1.25	1.30	1.20	1.10	1.25	1.25	.95	1.00	1.00	1.10	1.00	1.10	1.00	.90	.90	.95	.80	1.10	.95	1.05	1.00	1.05
Minnesota	1.36	.75	1.00	1.20	1.15	1.30	1.25	1.35	1.10	1.00	1.25	1.20	1.20	1.05	.95	.95	1.10	.65	1.30	1.05	.95	.95	.75	1.00	.70	.55	1.15	.75	1.10	1.10	1.00
Iowa	1.39	1.00	.75	1.25	1.30	1.20	1.30	1.30	1.20	1.15	1.26	1.20	1.15	1.00	1.20	1.20	.90	.75	1.10	1.00	1.10	.95	.70	1.15	.90	.75	1.15	.80	1.10	1.15	1.05
Missouri	1.13	1.10	.75	1.10	.85	.85	1.20	1.10	1.00	.75	1.20	1.12	1.20	1.15	1.20	1.30	.90	.90	1.40	1.15	1.00	.80	1.00	1.05	.75	.60	1.25	.60	1.25	1.15	1.20
North Dakota	.99	.50	.85	1.00	.80	.95	.90	1.00	.60	.75	.80	.85	.80	.90	.85	.70	.80	.55	1.10	.95	.75	.80	.65	.85	.70	.35	.90	.55	.75	.80	.75
South Dakota	.96	.50	.45	.80	.70	.85	.95	.90	.70	.80	.75	.85	.60	.75	.65	.65	.55	.45	.80	.55	.56	.55	.50	.65	.40	.35	.65	.45	.55	.55	.55
Nebraska	1.01	.65	.60	.80	.75	.90	1.00	.80	.70	.65	.80	.85	.80	.75	.90	.80	.65	.55	.85	.72	.75	.75	.55	.75	.60	.35	.80	.45	.55	.75	.60
Kansas	1.08	.80	.50	1.05	.65	.90	1.20	1.05	.80	.65	1.06	.90	.99	.98	1.03	.97	.75	.60	1.20	1.15	1.05	.80	.85	1.00	.68	.55	1.00	.55	.85	1.20	1.00
Delaware	.85	1.20	.80	1.10	1.05	1.10	.95	1.00	1.05	1.00	1.25	1.30	.90	1.10	1.10	1.20	.85	1.15	1.30	1.35	1.10	1.00	1.30	1.00	1.15	1.00	1.00	.90	1.05	1.00	1.00
Maryland	1.22	1.20	.75	1.30	1.15	1.15	1.10	1.25	1.00	1.05	1.00	1.05	.75	.90	.90	1.00	.70	.95	1.05	1.20	.90	.65	.90	.90	.85	.85	.85	.55	1.00	1.15	1.00
Virginia	1.01	1.00	.60	1.00	1.05	.80	.95	1.00	1.10	.95	.90	.95	.75	.80	.60	.65	.55	.80	.95	1.00	.85	.50	.80	.65	.85	.80	.80	.65	.90	.80	.85
West Virginia	.74	.95	.55	.95	.90	.75	.85	1.00	.95	.90	1.00	1.05	.95	1.12	.90	.90	.80	.85	1.10	.95	.80	.40	.81	.90	.85	.50	.80	.65	.90	.95	.85
North Carolina	1.20	1.20	1.05	1.20	1.15	1.05	1.15	1.10	1.20	1.20	1.20	1.30	1.20	1.35	1.35	.85	.70	1.00	1.10	1.00	1.11	.75	1.00	.80	1.00	1.00	.90	.85	1.10	1.00	1.10
South Carolina	1.05	1.05	.90	1.00	1.05	.95	1.00	1.00	.90	.90	.95	1.15	1.30	.90	1.20	.50	.35	.60	.60	.55	.73	.65	.75	.75	.75	.80	.70	.80	.85	.80	.75
Georgia	1.10	1.10	1.05	1.15	1.15	1.05	.95	.95	.95	.80	.90	.95	1.15	1.10	1.00	.90	.60	1.15	1.10	1.15	.90	.80	.80	.75	.75	.75	.75	.70	.80	.85	.80
Florida	1.10	1.00	1.00	.95	.95	.85	.90	.75	.80	1.00	.95	.80	.80	.55	.90	.85	.75	1.05	.85	.95	.90	.85	.70	.70	.60	.60	.60	.60	.65	.60	.65
Kentucky	.90	.85	.70	.85	.80	.75	.80	.85	.90	.90	.90	.90	.80	.90	.90	1.00	.80	.95	1.05	1.05	.95	.75	.95	.90	.95	.80	.95	.55	1.00	1.10	1.10
Tennessee	.93	.90	.65	.85	.80	.75	.90	.90	.80	.90	.87	.80	.81	.84	.87	.80	.62	.90	.84	.85	.83	.53	.80	.73	.80	.70	.80	.55	.85	.90	.95
Alabama	1.08	1.05	1.00	1.00	1.00	1.10	1.00	.95	.95	.95	.90	1.10	.90	.90	.80	.50	.62	.84	.75	.75	.85	.70	.80	.90	.80	.70	.70	.80	.85	.90	.85
Mississippi	1.16	1.10	1.05	1.10	1.05	1.10	.95	1.00	1.00	1.00	1.00	1.05	1.00	1.05	1.10	.70	.95	1.20	1.25	1.20	1.10	.60	1.10	1.00	1.00	.98	.90	.90	1.15	1.10	1.20
Arkansas	1.06	1.10	.90	1.05	1.00	1.00	1.10	1.05	1.10	.90	1.10	1.05	1.00	1.05	1.15	1.00	.95	1.05	1.25	1.20	1.04	.60	1.10	.90	1.05	.70	1.15	.70	1.10	1.05	1.15
Louisiana	1.25	1.30	1.25	1.25	1.25	1.25	1.15	1.25	1.10	1.00	1.40	1.30	1.30	1.40	1.55	.80	.70	1.10	1.00	1.30	1.24	.65	1.15	.75	1.20	.70	1.10	.65	1.25	1.30	1.30
Oklahoma	.87	.70	.65	.95	1.00	.75	1.15	.95	.80	.60	1.10	1.05	1.20	1.00	.95	.95	.65	.95	1.15	1.20	1.02	.80	.83	.85	.70	.58	1.15	.55	.85	1.15	1.00
Texas	.76	.90	.90	1.05	1.00	1.10	1.15	1.00	.75	.70	1.20	1.05	1.00	.95	.90	.90	.50	1.20	1.00	.95	1.05	.85	.85	.90	.80	.60	1.10	1.05	.80	1.05	.95
Montana	1.01	.85	1.00	.95	.90	.90	.95	.95	.80	.80	.65	.90	.80	.90	.90	.90	.90	.80	1.05	.90	.80	.65	.70	.85	.75	.65	.75	.65	.80	.95	1.00
Idaho	1.18	1.10	1.25	1.25	1.15	1.10	1.10	1.10	1.20	1.10	1.00	1.05	1.25	1.15	1.20	.90	1.00	.90	1.00	1.00	1.00	.80	.85	1.10	1.00	.80	1.00	1.05	.95	1.00	.90
Wyoming	.94	.75	.90	.95	.95	.90	.85	.80	.85	.90	.80	1.00	.80	.90	1.05	.75	.93	1.00	1.10	1.00	.85	.75	.50	.75	.60	.50	.80	.60	.75	.75	.60
Colorado	.93	.80	.85	1.00	.90	.95	.90	.80	.90	.85	.90	1.05	1.00	.95	1.00	.95	1.10	1.15	1.10	1.00	.90	1.00	.80	.90	1.00	.70	1.00	.95	1.00	1.00	.80
New Mexico	.79	.75	.85	.85	.80	.80	.80	.75	.75	.80	.90	.82	.85	.80	.80	.80	.95	1.10	.70	.90	.87	.80	.90	.75	.75	.60	.85	.50	.80	.60	.55
Arizona	.85	.70	.85	.90	.70	.95	.75	1.00	.85	.80	.95	.85	.95	.50	1.10	.60	.75	1.10	.55	.25	.90	1.00	1.20	1.00	.90	.80	1.25	.80	.90	1.00	.80
Utah	1.35	1.15	1.20	1.10	1.10	1.25	1.20	1.20	1.25	1.20	1.20	1.20	1.10	1.10	1.20	1.05	1.20	1.00	1.00	1.05	1.00	1.00	.95	1.05	1.10	.80	1.05	1.10	1.10	1.10	1.00
Nevada	.95	1.05	1.15	.95	1.00	1.20	1.00	1.10	1.00	.95	.84	1.25	.95	1.05	.90	1.10	1.00	1.00	.90	1.00	.88	1.00	.80	1.20	.90	.86	1.00	1.00	1.10	1.10	.90
Washington	1.09	1.15	1.30	1.20	1.25	1.20	1.20	1.30	1.15	1.10	1.10	1.25	1.30	1.25	1.35	1.10	1.25	1.15	1.30	1.35	1.15	1.15	1.10	1.20	1.10	1.25	1.10	1.30	1.30	1.15	1.20
Oregon	1.14	1.15	1.20	1.20	1.20	1.15	1.15	1.20	1.10	1.05	1.18	.95	.85	.60	.70	.60	.85	.80	1.15	.90	1.00	.95	.85	1.00	1.05	1.00	.85	1.05	1.05	1.15	1.00
California	1.11	1.05	1.10	1.00	1.00	1.20	1.15	1.10	1.10	1.00	1.04	1.04	1.10	1.10	1.00	.74	1.40	1.10	1.20	1.20	1.05	1.20	.85	1.25	.95	.85	1.35	1.15	1.00	1.30	1.00
United States	1.07	.72	.74	.98	.88	.98	1.04	1.00	.82	.81	.93	.95	.88	.89	.89	.83	.78	.67	1.02	.88	.82	.78	.69	.85	.70	.55	.92	.65	.80	.89	.81

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TABLE 57.—*Tame hay: Yield per acre (tons)*

State	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902
Maine	0.95	0.95	0.85	0.85	0.75	0.50	0.90	0.95	0.85	0.95	0.95	0.80	0.90	0.87	0.85	0.75	0.90	1.05	0.95	0.85	0.90	1.05	0.90	0.92	0.95	0.95	0.90	0.90	0.95	0.95	0.85	1.10	1.15	0.86	0.90	1.05	1.05
New Hampshire	.85	1.00	1.00	.95	.90	.80	.95	.95	1.00	.90	.95	1.00	.95	.93	.90	.90	.95	1.05	.85	.85	.90	1.05	.95	1.01	1.05	.95	.90	1.05	.95	.95	.95	1.10	1.15	.95	.90	1.15	1.05
Vermont	1.05	1.15	1.05	1.10	1.00	.90	1.15	.95	1.10	1.00	1.00	.90	1.05	1.04	1.05	1.05	1.05	1.15	1.00	1.00	1.15	1.20	1.15	1.21	1.20	1.30	1.10	1.15	1.20	1.10	1.20	1.30	1.45	1.10	1.25	1.35	1.30
Massachusetts	1.05	1.10	1.05	1.10	1.00	.90	.95	.90	1.15	.85	.95	1.05	1.10	1.07	1.05	1.10	1.05	1.15	1.05	1.20	1.25	1.25	1.20	1.26	1.25	1.10	1.15	1.25	1.25	1.15	1.15	1.20	1.40	1.15	1.15	1.40	1.35
Rhode Island	1.05	.95	1.10	1.10	1.10	.90	.95	.80	1.15	.95	.90	1.05	1.00	1.00	.95	1.05	.95	1.05	1.00	.95	1.10	1.10	1.05	1.08	1.15	.90	1.00	1.00	.95	1.00	1.00	1.25	1.25	1.01	1.00	1.20	1.10
Connecticut	1.00	1.15	1.15	1.10	.90	.80	.95	.90	1.15	.85	.90	1.05	1.20	1.04	.80	1.10	1.05	1.10	.75	1.05	1.15	1.10	1.15	1.20	1.20	1.05	1.10	1.00	1.05	1.00	1.05	1.20	1.30	1.03	.90	1.48	1.25
New York	1.15	1.20	1.20	1.27	1.00	1.16	1.20	1.02	1.23	1.10	1.15	1.20	1.25	1.13	1.04	1.12	1.16	1.22	1.10	1.18	1.25	1.25	1.19	1.27	1.25	1.10	1.20	1.24	1.20	.75	.81	1.25	1.35	1.08	.85	1.30	1.15
New Jersey	1.15	1.20	1.30	1.40	1.30	1.05	1.08	1.10	1.35	1.00	1.15	1.25	1.40	1.26	1.00	1.40	1.35	1.35	1.20	1.05	1.40	1.30	1.35	1.44	1.45	1.20	1.25	1.10	1.30	1.45	1.20	1.55	1.45	.96	1.30	1.35	1.20
Pennsylvania	1.10	1.20	1.25	1.30	1.25	1.05	1.10	1.15	1.15	1.10	1.25	1.20	1.30	1.10	1.15	1.30	1.25	1.30	1.20	1.10	1.25	1.25	1.20	1.30	1.25	1.20	1.15	1.10	1.20	1.10	1.20	1.25	1.30	1.20	1.10	1.20	1.10
Ohio	1.20	1.35	1.20	1.30	1.20	1.20	1.00	1.05	.90	1.10	1.20	1.25	1.35	1.05	1.20	1.25	1.30	1.40	1.30	1.25	1.20	1.25	1.10	1.33	1.40	1.35	1.30	1.30	1.25	.60	1.20	1.35	1.30	1.18	1.10	1.30	1.10
Indiana	1.20	1.40	1.35	1.40	1.10	1.15	1.20	1.30	1.10	1.10	1.25	1.25	1.30	1.10	1.35	1.20	1.35	1.40	1.40	1.30	1.25	1.10	1.25	1.20	1.35	1.25	1.30	1.25	1.05	.60	1.20	1.30	1.25	1.18	1.05	1.10	1.25
Illinois	1.50	1.50	1.40	1.60	1.20	1.30	1.35	1.20	1.20	1.35	1.40	1.60	1.50	1.30	1.50	1.40	1.50	1.60	1.50	1.30	1.35	.80	1.35	1.40	1.35	1.30	1.35	1.25	1.05	.65	1.25	1.30	1.40	1.16	1.15	.95	1.30
Michigan	1.30	1.30	1.20	1.35	1.25	1.15	1.10	1.25	1.20	1.15	1.35	1.25	1.30	1.15	1.35	1.25	1.25	1.30	1.20	1.30	1.15	1.15	1.15	1.20	1.25	1.05	1.25	1.35	1.20	.60	1.15	1.30	1.25	1.13	1.25	1.20	1.40
Wisconsin	1.20	1.45	1.20	1.35	1.00	1.35	1.30	1.30	1.10	1.35	1.40	1.30	1.45	1.28	1.33	1.40	1.35	1.50	1.40	1.20	1.10	.90	1.45	1.34	1.25	1.12	1.20	1.50	1.31	.90	1.25	1.35	1.50	1.31	1.00	1.18	1.45
Minnesota	1.60	1.60	1.40	1.55	1.40	1.55	1.60	1.60	1.50	1.35	1.30	1.30	1.45	1.55	1.55	1.60	1.60	1.55	1.50	1.40	1.25	1.20	1.55	1.16	1.45	1.40	1.50	1.40	.95	1.25	1.50	1.40	1.55	1.52	.90	1.40	1.50
Iowa	1.60	1.60	1.35	1.60	1.10	1.45	1.25	1.40	1.20	1.35	1.40	1.60	1.60	1.50	1.40	1.50	1.60	1.60	1.50	1.50	1.50	.90	1.50	1.40	1.40	1.50	1.55	1.50	.80	1.10	1.50	1.40	1.60	1.40	1.30	1.25	1.50
Missouri	1.40	1.35	1.20	1.40	.95	1.20	1.20	1.25	1.15	1.15	1.25	1.25	1.30	.84	1.25	1.25	1.35	1.30	1.30	1.25	1.15	1.10	1.10	1.24	1.10	1.30	1.15	1.10	.85	1.00	1.20	1.10	1.30	1.15	1.00	.50	1.25
North Dakota																	1.40	1.40	1.30	1.25	1.30	1.20	1.20	.95	1.20	1.35	1.30	1.20	1.00	1.25	1.40	1.35	1.30	1.25	.65	1.40	1.45
South Dakota																	1.55	1.50	1.40	1.25	1.40	1.30	1.40	1.45	1.45	1.25	1.05	.65	1.25	.75	1.40	1.55	1.40	1.45	1.51	1.10	1.30	1.50
Nebraska	1.70	1.85	2.10	2.00	1.35	1.75	1.70	1.90	1.75	1.70	1.80	1.95	1.95	1.52	1.60	2.00	2.00	2.00	1.95	1.95	1.80	1.10	1.90	1.70	1.30	1.95	1.75	1.35	.75	1.30	1.95	2.00	1.95	1.87	1.75	1.55	2.00
Kansas	2.10	1.80	1.60	2.08	1.50	1.95	1.74	1.85	1.50	2.35	1.75	2.45	2.65	2.06	2.10	2.05	2.35	2.35	2.35	2.40	1.85	1.50	1.80	1.95	1.10	2.00	1.65	1.60	1.20	1.35	2.05	1.60	1.85	1.81	1.60	.90	1.90
Delaware	1.10	1.25	1.25	1.15	1.00	1.25	.80	.80	1.10	1.20	1.20	1.15	1.20	1.16	.90	1.10	1.10	1.20	1.00	.90	1.00	1.20	1.20	1.10	1.20	1.10	1.00	.75	1.30	1.25	1.10	1.35	1.35	1.06	1.00	1.10	1.10
Maryland	1.10	1.15	1.15	1.00	1.10	1.00	.70	.90	1.10	.90	1.05	1.10	1.10	1.02	.85	1.00	1.00	1.20	1.10	.95	1.10	1.20	1.15	1.20	1.15	1.10	1.00	1.05	1.05	1.25	.85	1.25	1.15	1.09	1.10	1.20	1.00
Virginia	.95	.85	.87	.90	.85	.85	.70	.75	.80	.85	.90	.95	1.00	.85	1.00	.80	.90	1.00	1.09	.74	.87	1.05	1.01	1.03	1.13	1.07	.90	1.02	.71	1.07	1.01	1.00	1.12	.94	1.06	1.01	.92
West Virginia	1.00	1.00	.90	1.00	.85	.90	.85	1.00	.80	.85	.90	.90	1.00	.70	1.00	.90	1.00	1.10	1.05	.80	.75	1.10	1.00	.95	1.05	1.10	.90	1.00	.95	.75	1.00	1.05	1.15	.90	.85	1.00	.80
North Carolina	.90	1.00	.80	1.00	.95	.90	.95	.90	.95	.95	.90	.95	1.00	.88	1.00	.95	1.00	.95	1.10	.95	1.05	1.15	1.10	1.00	1.10	1.05	1.15	1.15	.90	1.00	.70	.70	1.05	.92	.80	1.05	.85
South Carolina	1.00	1.00	.95	1.10	1.00	.75	1.00	1.10	1.00	1.00	1.05	.95	1.00	.95	1.05	.95	1.00	.90	1.05	.95	1.00	1.05	1.00	.93	1.00	.85	.90	1.10	1.10	.80	1.00	.80	1.10	1.01	.90	1.00	.85
Georgia	.80	.90	.75	.85	.80	.85	.85	.70	.70	.80	.75	.75	.95	.88	.95	.80	.80	.80	.85	.75	.75	.85	.85	.90	.90	.80	.90	.90	.80	.95	.85	.85	.95	.86	.95	.85	.80
Florida																								.60	.65	.60	.60	.95	.60	.75	.70	.55	.75	.65	.60	.70	.60
Kentucky	1.00	1.10	1.05	1.05	1.05	1.00	1.05	1.10	.75	.95	1.10	1.10	1.15	.73	1.10	1.00	1.05	1.10	1.10	1.00	1.00	1.05	.85	1.05	1.10	1.00	1.10	1.05	.95	1.05	1.00	1.00	1.10	.95	.95	.95	.90
Tennessee	1.00	1.05	1.00	1.15	1.05	1.10	1.00	1.05	.90	1.00	1.10	.95	1.10	.97	1.15	1.10	1.15	1.10	1.10	1.05	1.05	1.00	1.00	1.10	1.05	1.00	1.10	1.15	.90	1.05	1.05	1.10	1.15	1.03	1.05	1.10	.95
Alabama	.80	.80	1.10	1.00	.95	.95	.80	.90	.85	.95	.95	.95	.95	.82	.85	.90	.85	.95	.90	.75	.80	.90	.95	1.00	.85	.90	.90	1.00	.90	.95	1.00	.90	.95	1.00	.90	.95	.85	.75
Mississippi	.85	1.30	1.25	1.16	1.20	1.25	1.15	1.15	1.15	1.25	1.10	1.15	1.25	1.30	1.25	1.15	1.15	1.30	1.25	1.00	1.05	1.30	1.20	1.29	1.25	1.25	1.30	1.30	1.35	1.40	1.20	1.25	1.40	1.29	1.30	1.20	1.10
Arkansas	1.05	1.15	.95	1.00	1.10	1.20	1.15	1.20	1.12	.95	.95	.95	1.25	.80	.95	1.05	1.20	1.15	1.10	1.00	1.05	.95	1.05	1.19	.90	1.10	.95	1.00	1.10	1.00	1.00	1.10	1.20	1.12	1.20	.85	1.20
Louisiana																1.10	1.10	1.35	1.30	1.00	1.05	1.40	1.35	1.47	1.30	1.30	1.40	1.40	1.55	1.60	1.50	1.50	1.70	1.60	1.60	1.45	1.40
Oklahoma																																		1.92	1.85	1.30	1.55
Texas	1.30	1.50	1.25	1.50	1.40	1.10	1.15	1.50	1.40	1.25	1.40	1.25	1.50	1.10	1.60	1.20	1.15	1.40	1.30	1.25	1.20	1.30	1.40	1.40	1.25	1.35	1.25	1.10	1.35	1.50	1.00	1.50	1.60	1.55	1.55	1.10	1.20
Montana																	1.65	1.80	1.70	1.65	1.65	1.80	1.80	1.35	1.80	1.70	1.65	1.90	2.00	1.40	1.90	1.85	1.90	1.67	1.60	1.80	1.70
Idaho																	1.85	2.00	1.90	1.85	1.90	1.90	1.85	1.40	1.90	1.90	1.90	1.70	1.90	1.65	1.75	2.05	1.93	1.90	1.85	2.00
Wyoming					1.55	1.65	1.70	1.40	1.35	1.40	1.40	1.30	1.50	1.30	1.75	1.45	1.40	1.55	1.55	1.35	1.30	1.50	1.45	1.20	1.40	1.20	1.35	1.35	1.60	1.10	1.55	1.65	1.95	1.83	1.75	1.80	1.75
Colorado															1.55	1.80	1.85	2.00	1.90	1.70	1.70	1.80	1.90	1.90	1.60	1.90	2.00	1.40	1.90	2.20	2.00	2.10	2.20	2.18	2.25	2.10	1.75
New Mexico																	2.10	2.00	2.20	2.20	2.20	2.20	2.10	2.15	2.20	2.00	1.80	2.10	2.30	2.60	2.00	2.60	2.40	2.60	2.10	2.30	2.40
Arizona																	2.35	2.15	2.50	2.20	2.20	2.60	2.40	2.29	2.40	2.40	2.50	2.55	2.60	2.65	2.60	2.75	2.70	2.02	2.30	2.85	2.35
Utah																	2.10	2.40	2.40	2.35	2.30	2.25	2.35	2.11	2.45	2.50	2.45	2.30	2.60	2.30	2.45	2.60	2.75	2.42	2.30	2.25	2.30
Nevada														1.70	1.75	2.00	2.05	2.00	2.00	1.70	2.10	2.00	2.00	1.90	2.00	2.05	2.10	2.00	2.15	2.05	2.00	2.15	2.00	2.05	2.15	2.00	2.10
Washington																	1.50	1.50	1.50	1.50	1.35	1.40	1.45	1.38	1.40	1.45	1.50	1.50	1.60	1.40	1.70	1.65	1.70	1.66	1.75	1.80	1.80
Oregon				1.35	1.45	1.40	1.35	1.40	1.40	1.35	1.45	1.05	1.30	1.60	1.40	1.40	1.40	1.25	1.50	1.25	1.25	1.40	1.35	1.35	1.40	1.30	1.35	1.40	1.55	1.35	1.55	1.45	1.55	1.50	1.75	1.55	1.60
California	1.40	1.40	1.35	1.55	1.50	1.30	1.50	1.35	1.40	1.40	1.35	.90	1.30	1.38	1.45	1.35	1.30	1.40	1.30	1.20	1.40	1.35	1.45	1.45	1.45	1.45	1.50	1.50	1.25	1.45	1.45	1.40	1.35	1.34	1.50	1.60	1.65
United States	1.17	1.25	1.19	1.27	1.08	1.10	1.13	1.11	1.12	1.13	1.20	1.23	1.30	1.15	1.20	1.24	1.30	1.37	1.29	1.24	1.25	1.14	1.26	1.29	1.28	1.27	1.28	1.27	1.14	.98	1.24	1.32	1.40	1.24	1.17	1.22	1.32

TABLE 57.—*Tame hay: Yield per acre (tons)*—Continued

State	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine	0.90	0.95	1.10	1.00	1.10	0.80	0.85	1.05	0.95	1.00	0.90	1.05	0.90	1.10	1.10	0.95	1.02	0.79	0.72	0.98	1.00	0.86	0.86	0.85	0.89	0.93	0.96	0.90	0.94	0.81	0.80	0.78	0.87	0.87	0.85	0.93	0.91
New Hampshire	1.00	1.05	1.05	1.10	1.10	.90	.97	1.10	.95	1.05	.90	1.05	.90	1.20	1.15	.95	1.11	1.09	.94	1.11	1.00	.95	1.01	.97	1.03	1.10	1.10	1.11	1.06	.85	.93	.94	1.06	.97	1.10	1.05	1.02
Vermont	1.10	1.25	1.30	1.25	1.35	1.10	1.08	1.35	1.20	1.30	1.15	1.10	1.10	1.50	1.45	1.15	1.34	1.16	.91	1.21	1.16	1.16	1.21	1.16	1.19	1.20	1.26	1.23	1.30	1.16	1.03	1.01	1.21	1.11	1.21	1.18	1.21
Massachusetts	1.35	1.40	1.25	1.35	1.35	1.20	1.23	1.40	1.10	1.25	1.20	1.30	1.20	1.40	1.35	1.15	1.33	1.29	1.17	1.29	1.25	1.09	1.24	1.13	1.32	1.35	1.29	1.27	1.40	1.21	1.33	1.25	1.44	1.22	1.48	1.47	1.27
Rhode Island	1.10	1.20	1.05	1.15	1.25	1.20	1.21	1.30	1.10	1.20	1.25	1.10	1.20	1.30	1.40	1.25	1.33	1.14	1.12	1.12	1.11	1.17	1.21	1.22	1.22	1.33	1.30	1.18	1.29	1.22	1.21	1.27	1.21	1.14	1.33	1.29	1.16
Connecticut	1.15	1.20	1.10	1.20	1.25	1.15	1.15	1.30	1.00	1.10	1.15	1.15	1.10	1.35	1.30	1.15	1.18	1.10	1.12	1.19	1.24	1.17	1.10	1.07	1.13	1.45	1.30	1.29	1.31	1.22	1.31	1.25	1.38	1.19	1.44	1.51	1.20
New York	1.06	1.30	1.25	1.18	1.12	1.20	1.08	1.32	1.02	1.20	1.14	1.15	1.08	1.40	1.28	1.05	1.28	1.08	.83	1.15	1.14	1.19	1.15	1.11	1.34	1.25	1.27	1.15	1.33	1.22	1.13	.97	1.35	1.02	1.40	1.36	1.05
New Jersey	1.35	1.40	1.20	1.35	1.45	1.60	1.31	1.55	1.15	1.45	1.30	1.35	1.45	1.60	1.45	1.45	1.38	1.56	1.24	1.56	1.06	1.71	1.53	1.51	1.58	1.64	1.44	1.37	1.62	1.43	1.48	1.59	1.61	1.23	1.67	1.65	1.37
Pennsylvania	1.25	1.40	1.30	1.25	1.25	1.40	1.08	1.35	1.00	1.40	1.30	1.30	1.20	1.50	1.30	1.30	1.25	1.20	1.06	1.40	1.01	1.44	1.21	1.07	1.40	1.36	1.26	1.11	1.20	1.08	1.24	1.06	1.34	1.00	1.32	1.36	1.10
Ohio	1.30	1.30	1.25	1.05	1.25	1.35	1.28	1.30	1.00	1.25	1.30	1.15	1.20	1.45	1.30	1.30	1.27	1.28	1.13	1.33	1.06	1.24	.82	.98	1.34	.97	1.34	.75	1.27	1.10	1.01	.85	1.38	1.00	1.32	1.40	1.32
Indiana	1.25	1.20	1.25	.90	1.15	1.30	1.20	1.15	.90	1.25	.95	1.00	1.30	1.30	1.20	1.45	1.13	1.14	1.02	1.19	1.12	1.22	.94	1.19	1.25	1.19	1.26	.82	1.17	1.18	.99	.90	1.37	.93	1.35	1.42	1.38
Illinois	1.35	1.30	1.25	.90	1.25	1.30	1.26	1.15	.75	1.25	.85	.75	1.30	1.40	1.10	1.20	1.21	.98	.99	1.28	1.08	1.25	.90	1.09	1.34	1.19	1.24	.95	1.21	1.28	1.15	.98	1.43	1.04	1.33	1.49	1.45
Michigan	1.25	1.15	1.40	1.20	1.15	1.35	1.24	1.20	1.15	1.25	1.05	1.25	1.15	1.45	1.25	1.00	1.11	1.12	.91	1.33	1.15	1.21	.82	1.10	1.23	1.22	1.29	.98	1.07	1.26	1.20	.79	1.44	1.15	1.37	1.40	1.29
Wisconsin	1.55	1.55	1.70	1.50	1.45	1.65	1.50	1.00	1.30	1.50	1.55	1.65	1.50	1.56	1.45	1.20	1.56	1.52	1.21	1.56	1.20	1.67	1.39	1.43	1.69	1.31	1.72	1.42	1.18	1.23	1.21	.95	1.89	1.33	1.44	1.77	1.46
Minnesota	1.55	1.70	1.65	1.60	1.60	1.60	1.59	.80	.95	1.55	1.40	1.65	1.50	1.60	1.30	1.30	1.57	1.42	1.30	1.33	1.07	1.47	1.49	1.04	1.74	1.50	1.44	1.32	1.06	1.43	1.13	.74	1.68	1.13	1.68	1.70	1.55
Iowa	1.60	1.35	1.40	1.15	1.25	1.60	1.52	1.05	.80	1.45	1.50	1.40	1.60	1.55	1.25	1.30	1.53	1.47	1.49	1.46	1.54	1.49	1.14	1.01	1.36	1.24	1.55	1.32	1.10	1.53	1.25	.87	1.66	1.21	1.48	1.61	1.38
Missouri	1.25	1.20	.90	.70	1.10	1.25	1.10	1.15	.50	1.20	.60	.60	1.20	1.20	1.00	.80	1.18	1.06	1.00	.90	1.04	1.08	.84	.87	1.11	.92	.99	.71	.96	.88	.90	.60	1.10	.67	1.02	1.02	1.09
North Dakota	1.00	1.45	1.40	1.30	1.25	1.15	1.24	.55	1.10	1.20	.95	1.30	1.25	1.45	.70	.95	1.02	1.10	1.19	1.34	1.26	1.33	1.36	.84	1.53	1.45	.98	.96	.72	1.13	.72	.46	1.27	.64	1.02	1.11	1.05
South Dakota	1.50	1.55	1.60	1.50	1.60	1.50	1.58	.80	.55	1.45	1.20	1.45	1.65	1.55	1.20	1.45	1.42	1.45	1.26	1.38	1.37	1.09	1.04	.82	1.54	1.10	1.18	.98	.55	1.00	.63	.60	1.00	.61	.88	1.02	.93
Nebraska	2.00	1.95	1.90	1.80	1.70	1.90	1.85	1.00	.85	1.35	1.35	1.70	2.10	1.70	1.20	1.15	1.86	1.96	1.69	1.62	1.94	1.75	1.61	1.40	1.79	1.61	1.74	1.73	1.23	1.68	1.31	.89	1.65	.97	1.07	1.49	1.23
Kansas	1.85	1.80	1.65	1.35	1.60	1.85	1.78	1.50	.90	1.65	1.10	1.55	1.85	1.65	1.40	1.20	1.77	1.56	1.46	1.53	1.66	1.57	1.52	1.29	1.99	1.87	1.65	1.53	1.42	1.65	1.38	.78	1.55	.91	1.09	1.54	1.35
Delaware	1.30	1.25	1.20	1.00	1.20	1.40	1.24	1.25	.85	1.20	1.15	1.00	1.10	1.35	1.20	1.15	1.27	1.37	1.21	1.44	1.09	1.42	1.26	1.28	1.43	1.38	1.24	1.02	1.41	1.38	1.40	1.33	1.40	1.22	1.33	1.39	1.26
Maryland	1.20	1.15	1.20	1.25	1.20	1.30	1.14	1.30	.70	1.40	1.05	1.15	1.10	1.35	1.15	1.15	1.14	1.24	1.10	1.38	.90	1.50	1.13	1.06	1.37	1.41	1.30	.84	1.20	1.14	1.28	1.35	1.33	.88	1.35	1.41	1.25
Virginia	.99	1.13	1.11	1.02	1.10	1.01	.96	.93	.68	1.12	1.05	.77	1.15	1.17	.98	1.09	1.13	1.15	.86	1.10	.88	1.19	.76	.86	1.10	1.11	1.07	.52	1.10	.87	1.08	.89	1.10	.63	1.14	1.09	.95
West Virginia	1.00	1.10	1.15	1.00	1.10	1.10	.89	.90	.50	1.10	.95	.65	1.20	1.25	1.00	1.05	.99	1.05	.92	1.04	.96	1.24	.95	1.04	1.20	1.10	1.04	.64	1.00	.91	1.05	.76	1.14	.75	1.11	1.17	1.01
North Carolina	1.00	1.10	1.00	.95	.90	.85	.83	.90	.75	.95	.95	.80	1.15	.85	.95	1.00	.93	.95	1.10	1.09	1.11	.81	.63	.82	.80	.83	.82	.73	.87	.70	.78	.83	.81	.76	.85	.91	.90
South Carolina	1.00	1.05	.95	1.00	1.05	.90	.88	.90	.75	.85	.90	.80	.95	.95	.85	.85	.87	.92	.80	.93	.77	.51	.24	.75	.69	.75	.69	.66	.72	.75	.73	.62	.74	.74	.83	.76	.83
Georgia	.85	.85	.85	.90	.95	.95	.85	.90	.85	.85	.80	.75	.75	.85	.80	.80	.77	.77	.79	.73	.58	.45	.32	.63	.65	.54	.49	.57	.50	.54	.49	.51	.57	.55	.58	.57	.52
Florida	.70	.65	.70	.75	.65	.65	.65	.65	.65	.65	.70	.70	.70	.75	.75	.75	.77	.76	.95	.66	.81	.63	.63	.65	.62	.62	.58	.58	.61	.44	.48	.57	.56	.54	.56	.58	.51
Kentucky	1.00	1.05	1.00	.95	1.05	1.00	.99	.95	.80	.95	.80	.80	1.10	1.10	1.00	1.00	1.04	1.05	.92	1.09	1.07	1.12	.88	1.01	1.06	1.00	1.04	.60	1.06	1.05	1.10	.99	1.13	.68	1.13	1.30	1.16
Tennessee	1.10	1.10	1.05	1.00	1.05	1.05	1.01	1.00	.70	.95	.90	.90	1.10	1.05	.90	1.05	1.08	1.09	1.05	1.11	1.00	1.00	.74	.97	.97	.98	.99	.63	.91	.87	.99	.89	.98	.69	1.00	1.12	1.00
Alabama	.90	.90	1.00	1.00	.95	.90	.95	.90	.90	.85	.85	.70	.85	.75	.80	.80	.80	.73	.77	.84	.80	.69	.63	.87	.74	.70	.74	.68	.75	.69	.66	.71	.72	.73	.80	.80	.71
Mississippi	1.25	1.25	1.25	1.35	1.20	1.25	1.21	1.20	1.25	1.25	1.15	1.10	1.20	1.20	1.15	1.05	1.24	1.32	1.19	1.30	1.37	.92	1.00	1.21	1.18	1.22	1.27	.98	1.32	1.16	1.13	1.13	1.10	1.16	1.27	1.24	1.27
Arkansas	1.20	1.25	1.25	1.20	1.00	1.25	1.05	1.10	.90	.95	1.05	.85	1.25	1.00	1.15	1.05	1.01	1.08	1.05	1.02	1.00	.99	.78	1.05	1.13	1.06	1.05	.87	1.21	.96	1.15	.77	.94	.83	1.14	1.04	1.09
Louisiana	1.50	1.50	1.55	1.40	1.45	1.40	1.35	1.40	1.30	1.20	1.25	1.40	1.20	1.30	1.20	1.15	1.28	1.26	1.16	1.18	1.30	.81	.96	1.11	1.26	1.38	1.26	1.08	1.48	1.18	1.14	1.05	1.04	1.21	1.22	1.11	1.26
Oklahoma	1.65	2.00	1.85	1.70	1.50	1.70	1.37	1.30	1.00	1.50	1.10	1.30	1.95	1.50	1.25	1.20	1.65	1.92	1.67	1.77	1.73	1.54	1.19	1.42	1.62	1.44	1.45	1.18	1.23	1.43	1.29	1.03	1.37	.95	1.23	1.39	1.21
Texas	1.60	1.55	1.60	1.55	1.20	1.40	1.01	1.15	1.05	1.25	1.15	1.30	1.25	1.05	.80	.80	1.19	1.08	1.02	1.04	1.07	1.10	.84	1.21	1.06	1.06	.99	.96	1.09	1.10	.97	.72	1.07	.86	.94	.98	.88
Montana	2.00	1.90	1.70	1.85	2.00	1.80	2.00	1.40	2.00	1.90	1.80	1.85	2.00	1.70	1.40	1.60	1.05	1.57	1.59	1.72	1.87	1.58	1.48	1.41	1.79	1.68	1.22	1.19	.98	1.38	1.20	1.01	.97	.98	1.22	1.55	1.47
Idaho	2.05	2.20	2.10	2.25	2.25	2.30	2.35	2.05	2.50	2.60	2.40	2.50	2.70	2.50	2.50	2.30	2.06	2.27	2.33	2.23	2.10	1.75	2.42	2.10	2.46	2.26	2.12	2.12	1.87	2.30	1.97	1.98	2.09	2.37	2.22	2.26	2.11
Wyoming	1.75	1.80	1.85	1.80	1.70	1.75	1.83	1.35	1.70	1.90	1.90	1.80	1.80	1.60	1.70	1.85	1.27	1.56	1.44	1.41	1.47	1.37	1.44	1.50	1.40	1.40	1.34	1.23	1.04	1.18	1.16	1.08	1.38	1.16	1.25	1.16	1.10
Colorado	2.25	1.85	2.15	2.05	2.25	1.75	2.13	1.65	1.80	2.15	1.95	2.15	1.95	1.75	2.10	2.00	1.92	2.16	1.98	1.78	1.86	1.65	1.71	1.84	1.82	1.72	1.77	1.71	1.38	1.48	1.52	1.28	1.60	1.60	1.63	1.75	1.48
New Mexico	2.35	2.20	2.00	2.10	2.05	2.00	2.08	2.10	2.20	2.30	2.10	2.30	2.10	2.00	1.90	2.00	1.99	1.97	2.00	1.69	1.86	1.98	1.99	1.94	1.99	1.93	2.01	2.02	2.02	1.91	2.09	1.86	1.94	2.08	2.05	1.97	1.96
Arizona	2.80	2.30	2.85	2.60	2.85	2.50	2.60	2.55	2.70	2.80	2.75	2.70	2.75	2.65	2.65	2.50	2.70	2.49	2.26	2.27	2.45	2.38	2.25	2.53	2.58	2.81	2.47	2.85	2.73	2.61	2.50	2.31	2.75	2.49	2.69	2.49	2.18
Utah	2.55	2.65	2.60	2.50	2.50	2.50	2.65	2.40	2.40	2.65	2.35	2.60	2.30	2.00	2.70	2.20	1.97	2.16	2.17	2.21	2.34	1.86	2.48	2.29	2.36	2.33	2.14	2.13	1.65	1.96	1.95	1.60	1.94	2.21	2.27	2.13	1.91
Nevada	2.15	2.20	2.25	2.00	2.10	2.00	2.17	2.10	2.10	2.15	2.25	2.30	2.00	2.00	2.35	2.15	2.27	2.31	2.29	2.17	1.89	1.59	2.06	1.92	1.94	2.05	1.92	2.02	1.55	2.02	1.76	1.75	1.83	2.16	2.07	2.01	1.84
Washington	1.85	1.70	2.05	1.90	1.80	1.90	1.85	1.85	2.15	1.95	2.05	1.95	2.05	2.15	1.95	1.60	1.80	1.75	2.03	1.72	2.13	1.62	1.88	1.82	2.06	2.03	1.82	1.79	1.84	1.83	1.64	1.66	1.73	1.86	1.89	1.82	1.91
Oregon	1.65	1.60	1.75	1.70	1.60	1.60	1.65	1.70	1.70	1.80	1.70	1.60	1.80	1.90	1.80	1.70	1.77	1.78	1.88	1.75	1.91	1.40	1.72	1.65	1.91	1.89	1.84	1.87	1.61	1.77	1.70	1.73	1.63	1.88	1.77	1.77	1.79
California	1.60	1.70	1.80	1.80	1.75	1.35	1.67	1.60	1.75	1.70	1.65	1.95	1.80	1.75	2.00	1.75	2.05	2.12	2.27	2.32	2.40	2.05	2.69	2.61	2.59	2.53	2.33	2.59	2.23	2.63	2.45	2.39	2.80	2.74	2.83	2.89	2.82
United States	1.36	1.38	1.38	1.24	1.33	1.39	1.34	1.23	1.06	1.38	1.24	1.31	1.41	1.46	1.32	1.25	1.37	1.34	1.24	1.36	1.30	1.33	1.21	1.21	1.45	1.34	1.37	1.18	1.19	1.28	1.19	.99	1.40	1.11	1.34	1.42	1.30

TABLE 58.—*Tobacco: Yield per acre (pounds)*

State	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902
Maine																																					
New Hampshire																																					
Vermont																																					
Massachusetts	1,370	1,350	1,450	1,450	1,350	1,470	1,260	1,470	1,430	1,540	1,475	1,470	1,500	1,600	1,620	1,620	1,230	1,110	1,390	1,470	1,420	1,250	1,410	1,390	1,420	1,440	1,450	1,350	1,400	1,510	1,550	1,385	1,560	1,674	1,620	1,640	1,615
Rhode Island																																					
Connecticut	1,625	1,370	1,630	1,670	1,395	1,655	1,600	1,605	1,665	1,670	1,625	1,625	1,680	1,621	1,570	1,605	1,425	1,445	1,505	1,520	1,480	1,460	1,420	1,402	1,420	1,465	1,495	1,420	1,520	1,555	1,560	1,425	1,610	1,673	1,670	1,690	1,665
New York	1,050	900	950	1,000	1,200	1,250	1,275	1,200	900	1,050	1,100	1,175	1,250	1,315	1,300	1,250	1,150	1,100	1,275	1,300	1,250	1,300	1,175	1,080	1,050	1,200	1,250	925	1,250	975	1,325	1,175	1,300	1,235	1,185	1,275	1,125
New Jersey																																					
Pennsylvania	1,120	1,130	1,180	1,140	1,200	1,120	1,300	920	800	1,400	1,180	1,140	970	1,340	1,230	730	1,160	1,140	1,075	750	970	1,120	1,075	1,074	1,105	1,180	1,020	1,015	1,400	1,120	1,380	1,540	900	1,495	1,280	1,560	1,450
Ohio	980	780	1,020	830	1,080	1,250	800	950	830	620	990	870	1,025	1,002	945	740	720	820	815	975	960	685	925	854	825	975	885	665	810	665	995	865	955	923	940	830	940
Indiana	870	760	795	815	925	825	815	850	600	675	955	850	795	740	610	540	885	820	860	880	845	400	865	825	805	865	815	785	855	815	880	690	860	840	965	775	950
Illinois	685	655	725	670	710	630	695	645	645	655	695	655	580	700	670	470	700	575	755	700	670	555	780	730	625	670	630	670	615	730	730	695	770	645	630	610	690
Michigan																																					
Wisconsin				1,025	1,050	1,150	1,000	1,025	1,000	650	1,025	1,000	1,175	1,205	1,150	1,000	1,050	600	1,050	1,100	980	1,020	975	1,125	1,100	1,050	1,125	900	850	1,040	1,300	1,250	1,240	1,345	1,375	1,100	1,310
Minnesota																																					
Iowa																																					
Missouri	730	870	740	900	915	870	925	785	525	870	980	945	760	775	810	530	870	780	970	1,000	810	505	975	830	810	835	790	830	805	805	720	690	740	700	700	570	860
North Dakota																																					
South Dakota																																					
Nebraska																																					
Kansas																																					
Delaware																																					
Maryland	710	690	650	520	650	720	720	565	575	710	600	605	640	685	610	610	630	790	625	800	700	820	740	610	725	730	650	665	540	550	580	670	480	575	480	620	550
Virginia	640	610	650	420	680	600	650	580	500	680	520	650	610	570	600	560	650	520	660	670	570	600	540	500	700	650	560	640	610	550	630	610	650	670	500	635	680
West Virginia	650	580	570	600	645	590	635	620	465	610	660	540	630	564	585	530	585	505	580	610	580	420	505	560	520	565	530	470	450	570	635	570	645	600	635	600	675
North Carolina	490	480	460	430	520	410	490	470	440	490	480	470	460	472	460	360	500	340	420	420	370	405	350	375	490	420	440	420	600	625	460	620	605	628	580	600	650
South Carolina																								565	710	620	610	610	720	765	585	760	760	765	760	710	825
Georgia																																		480	560	610	440
Florida																																590	620	547	640	660	620
Kentucky	885	710	860	795	885	800	850	800	550	955	755	845	675	757	707	625	858	745	850	800	805	695	840	808	838	900	830	785	860	830	808	700	925	817	910	920	850
Tennessee	718	710	710	565	810	620	680	680	300	665	630	725	655	707	620	400	740	575	710	585	620	330	645	530	575	610	630	612	655	725	645	585	780	684	695	785	735
Alabama																																					
Mississippi																																					
Arkansas	540	580	510	505	540	510	520	505	410	520	475	500	495	470	505	370	530	460	495	525	510	495	500	509	525	530	440	540	460	495	420	430	520	440	480	535	430
Louisiana																																					
Oklahoma																																					
Texas																																					
Montana																																					
Idaho																																					
Wyoming																																					
Colorado																																					
New Mexico																																					
Arizona																																					
Utah																																					
Nevada																																					
Washington																																					
Oregon																																					
California																																					
United States	803.3	703.2	774.5	668.4	813.8	777.4	782.1	745.5	575.0	817.0	745.7	786.8	699.5	745.9	722.1	610.2	778.2	679.1	768.9	749.1	717.6	649.2	741.6	692.0	760.9	782.7	728.4	699.5	772.3	740.6	732.2	719.1	814.6	789.7	784.5	806.5	807.0

TABLE 58.—*Tobacco: Yield per acre (pounds)*—Continued

State	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine																																					
New Hampshire																																					
Vermont																																					
Massachusetts	1,505	1,700	1,690	1,720	1,675	1,750	1,730	1,785	1,300	1,730	1,470	1,730	1,050	1,600	1,370	1,700	1,545	1,400	1,414	1,083	1,430	1,402	1,248	1,453	1,230	1,255	1,449	1,436	1,369	1,487	1,418	1,502	1,465	1,542	1,400	1,131	1,575
Rhode Island																																					
Connecticut	1,625	1,720	1,740	1,755	1,705	1,790	1,752	1,780	1,660	1,710	1,640	1,690	1,600	1,600	1,550	1,590	1,535	1,365	1,440	1,065	1,410	1,368	1,352	1,340	1,223	1,190	1,364	1,413	1,351	1,468	1,367	1,462	1,429	1,459	1,293	971	1,488
New York	1,125	1,225	1,225	1,300	1,150	1,200	1,300	1,275	1,250	1,300	1,050	1,300	1,225	1,250	1,250	1,225	1,285	1,200	1,250	1,050	1,125	1,140	1,100	1,200	1,225	1,175	1,124	950	1,300	1,025	1,250	1,400	1,300	1,325	1,275	1,400	1,350
New Jersey																																					
Pennsylvania	1,475	1,450	1,575	1,535	1,390	1,450	1,106	1,560	1,460	1,380	1,170	1,475	1,420	1,350	1,450	1,475	1,310	1,460	1,400	1,290	1,240	1,260	1,410	1,320	1,350	1,350	1,273	981	1,350	1,099	980	1,201	1,376	1,450	1,223	1,327	1,332
Ohio	830	935	925	1,005	895	675	832	850	925	975	780	940	940	925	950	975	850	960	920	898	913	702	970	848	792	760	818	949	973	777	831	1,052	946	876	925	875	927
Indiana	860	890	1,010	940	935	745	905	830	870	925	755	940	860	940	950	965	835	915	875	925	875	891	870	885	760	820	820	753	865	736	710	850	866	700	860	826	803
Illinois	680	710	755	760	760	685	785	760	720	810	680	740	810	735	760	700																					
Michigan																																					
Wisconsin	1,330	1,280	1,350	1,325	1,150	1,175	1,160	1,050	1,225	1,275	1,240	1,230	925	1,220	1,025	1,300	1,265	1,248	1,281	1,140	1,093	940	1,375	1,150	1,070	1,300	1,250	1,260	1,220	1,292	1,245	1,418	1,366	1,450	1,364	1,324	1,408
Minnesota																						1,000	1,250	1,000	1,050	1,200	1,200	1,250	1,150	1,100	950	1,200	1,150	1,000	1,150	1,100	1,200
Iowa																																					
Missouri	850	880	925	960	980	1,020	990	1,080	840	1,010	650	890	900	850	940	780	908	950	925	935	1,040	895	885	950	1,050	1,040	910	925	985	935	915	690	950	730	925	950	925
North Dakota																																					
South Dakota																																					
Nebraska																																					
Kansas																														870	810	770	850	725	850	950	850
Delaware																																					
Maryland	670	625	590	630	680	780	685	735	775	665	725	735	775	765	795	835	675	875	715	770	792	765	823	840	818	660	750	560	730	775	600	720	775	820	650	780	780
Virginia	700	715	675	675	660	740	717	710	660	600	730	580	730	680	700	720	455	708	551	728	718	605	638	725	725	584	673	585	667	579	737	785	874	773	757	730	826
West Virginia	630	705	740	770	680	680	800	680	700	820	730	700	785	780	710	690	675	810	740	825	850	735	740	835	760	730	745	620	750	600	645	640	665	675	725	690	725
North Carolina	620	640	620	600	645	645	626	610	615	625	670	625	655	635	685	700	612	681	595	610	728	585	696	692	755	692	665	757	692	626	794	847	935	766	884	845	949
South Carolina	715	840	745	680	920	820	850	790	750	790	820	750	740	650	780	730	690	675	655	660	757	490	750	715	783	570	740	850	685	580	860	790	935	815	965	950	930
Georgia	640	690	690	720	770	800	735	740	785	865	850	820	940	1,000	840	860	520	629	607	554	684	802	773	807	767	732	914	918	712	535	871	629	950	970	931	1,031	760
Florida	700	690	755	830	800	890	880	890	940	1,030	1,000	1,050	1,000	1,060	1,120	1,010	1,045	1,050	900	1,100	1,073	845	830	953	925	785	902	894	834	788	770	787	886	926	856	1,009	720
Kentucky	850	870	920	915	900	870	848	838	838	885	735	885	855	840	825	855	801	781	784	850	850	830	810	835	700	780	805	716	830	742	716	840	779	706	887	799	858
Tennessee	790	800	805	760	805	805	760	755	760	775	700	770	780	810	840	795	811	760	794	760	801	795	727	803	785	792	863	811	837	799	843	881	843	819	893	838	871
Alabama																																			817	818	717
Mississippi																																					
Arkansas	505	420	470	430	430	405	430	445	395	445	395	430	445	395	445	395	435	475	465	435	440	400	450	400	420	405	430	445	450	525	425						
Louisiana																																					
Oklahoma																																					
Texas																																					
Montana																																					
Idaho																																					
Wyoming																																					
Colorado																																					
New Mexico																																					
Arizona																																					
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Nevada																																					
Washington																																					
Oregon																																					
California																																					
United States	805.6	834.9	851.2	866.0	849.9	828.2	815.6	817.1	830.5	837.0	772.3	824.1	815.7	813.7	820.3	839.8	737.4	780.0	750.2	776.1	818.1	731.3	786.0	791.7	778.5	736.5	774.1	775.9	787.3	724.7	788.7	846.0	902.6	803.3	892.8	860.2	911.2

TABLE 59.—*Cotton: Yield per acre (pounds)*

State	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902
Maine																																					
New Hampshire																																					
Vermont																																					
Massachusetts																																					
Rhode Island																																					
Connecticut																																					
New York																																					
New Jersey																																					
Pennsylvania																																					
Ohio																																					
Indiana																																					
Illinois																																					
Michigan																																					
Wisconsin																																					
Minnesota																																					
Iowa																																					
Missouri														284										134					198	127	208	221	316	243	270	230	320
North Dakota																																					
South Dakota																																					
Nebraska																																					
Kansas																																					
Delaware																																					
Maryland																																					
Virginia														202			195	151	140	154	151	187	159	61					194	123	197	202	236	187	194	212	248
West Virginia																																					
North Carolina	124	129	162	139	180	147	152	138	169	135	136	165	124	198	201	161	228	186	184	179	160	191	157	140	198	179	161	193	214	188	213	254	271	209	230	180	245
South Carolina	102	191	160	156	177	120	177	166	216	133	141	142	124	174	186	159	199	139	142	148	131	154	139	180	174	167	139	157	201	199	218	224	239	193	182	159	207
Georgia	122	181	129	152	175	128	174	159	114	93	112	108	103	141	168	120	156	121	125	142	131	144	143	170	164	146	134	152	176	166	179	184	192	167	168	170	178
Florida	123	181	130	121	170	90	110	110	91	88	106	89	71	102	151	98	121	115	108	138	114	130	140	122	143	124	99	126	119	96	99	117	82	116	112	105	110
Kentucky																																					
Tennessee	121	137	170	145	203	204	193	192	177	160	180	202	271	208	216	145	214	197	194	196	180	192	216	122	203	231	179	208	230	147	161	175	228	171	186	150	243
Alabama	120	152	106	135	172	138	149	134	127	139	126	151	108	136	158	119	150	112	109	126	125	141	151	158	169	159	112	140	152	120	130	164	177	161	153	150	135
Mississippi	86	93	137	154	216	163	193	172	157	216	185	184	160	208	184	169	224	183	170	183	164	185	184	191	198	204	152	182	208	187	198	252	213	204	162	187	206
Arkansas	198	189	220	153	256	225	189	192	141	278	238	283	296	265	216	160	303	206	197	205	216	192	180	194	228	260	200	220	224	182	177	248	258	206	222	187	258
Louisiana	57	88	169	183	269	172	228	194	242	306	276	266	215	267	187	223	292	228	241	224	210	211	173	248	231	273	180	184	287	211	215	275	257	243	228	251	259
Oklahoma																													237	214	165	286	295	163	224	190	226
Texas	325	195	197	195	255	189	207	201	164	236	196	152	240	168	237	153	249	190	163	198	211	208	201	179	226	231	236	192	277	176	160	190	234	180	224	148	146
Montana																																					
Idaho																																					
Wyoming																																					
Colorado																																					
New Mexico																																					
Arizona																																					
Utah																																					
Nevada																																					
Washington																																					
Oregon																																					
California																																					
United States	121.5	142.6	150.7	155.4	208.2	159.0	182.3	168.3	157.0	181.2	167.6	170.4	167.5	180.5	190.9	149.0	208.9	162.0	155.1	169.9	164.3	175.1	169.5	176.9	195.5	198.7	168.7	175.3	219.0	172.2	175.2	209.0	223.1	185.0	194.7	168.2	184.7

TABLE 59.—*Cotton: Yield per acre (pounds)*—Continued

State	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Maine																																					
New Hampshire																																					
Vermont																																					
Massachusetts																																					
Rhode Island																																					
Connecticut																																					
New York																																					
New Jersey																																					
Pennsylvania																																					
Ohio																																					
Indiana																																					
Illinois																																					
Michigan																																					
Wisconsin																																					
Minnesota																																					
Iowa																																					
Missouri	252	294	284	296	255	330	273	291	371	275	292	280	270	263	220	245	284	284	340	350	210	192	280	239	177	207	303	193	392	362	340	360	280	360	346	450	555
North Dakota																																					
South Dakota																																					
Nebraska																																					
Kansas																																					
Delaware																																					
Maryland																																					
Virginia	184	241	237	207	191	235	185	214	332	277	249	280	222	308	194	283	258	267	251	242	330	193	277	275	250	297	280	243	317	233	280	302	273	298	312	149	191
West Virginia																																					
North Carolina	217	247	238	208	222	259	239	269	342	299	274	325	278	213	203	296	293	310	292	283	328	226	291	320	262	245	217	254	298	252	305	311	294	298	338	216	296
South Carolina	175	245	246	178	240	243	231	231	304	235	271	280	252	180	230	266	262	310	166	140	223	188	187	215	171	169	201	245	273	206	255	252	261	279	289	249	342
Georgia	152	230	210	170	195	201	190	186	267	181	235	252	198	172	198	207	166	156	108	119	106	179	169	199	172	150	190	222	215	154	244	216	235	228	270	203	227
Florida	118	138	123	92	98	115	102	103	128	118	134	154	105	85	98	74	75	95	91	112	42	115	182	140	114	93	129	183	165	84	144	145	165	170	162	163	75
Kentucky																																					
Tennessee	180	210	200	209	202	229	165	220	268	181	224	216	212	220	139	188	195	199	218	220	103	182	215	198	188	197	236	160	271	216	241	255	206	260	338	320	305
Alabama	152	204	182	172	161	184	141	165	214	180	203	220	155	95	121	156	133	124	130	151	93	160	195	206	181	154	180	196	207	150	200	213	226	236	290	251	186
Mississippi	191	224	171	202	204	230	160	182	170	175	212	203	177	125	175	198	161	148	150	163	97	175	263	242	195	182	227	169	211	149	196	216	228	305	377	322	299
Arkansas	188	223	170	226	197	245	175	199	217	200	227	212	205	229	190	182	170	220	170	185	110	189	226	219	175	180	199	119	276	187	197	192	191	249	328	304	319
Louisiana	241	284	157	289	209	163	130	135	196	195	190	176	178	188	244	195	109	149	132	159	140	165	252	220	181	180	200	175	236	173	176	195	218	260	337	289	319
Oklahoma	193	229	201	205	178	151	132	190	160	189	124	212	164	156	165	87	188	210	98	106	100	190	153	184	138	144	133	104	179	167	212	58	117	62	156	163	141
Texas	146	174	152	216	119	195	122	143	181	210	153	183	147	163	132	109	133	169	101	129	140	139	115	152	133	145	112	120	173	162	192	114	133	121	197	168	160
Montana																																					
Idaho																																					
Wyoming																																					
Colorado																																					
New Mexico																				201	220	256	290	305	345	345	325	375	412	307	468	480	398	457	490	489	523
Arizona															268	268	270	212	242	222	292	289	360	365	335	350	333	354	299	293	330	410	405	438	501	462	514
Utah																																					
Nevada																																					
Washington																																					
Oregon																																					
California								358	390	465	331	341	348	329	228	287	262	212	226	150	313	287	339	387	340	378	400	468	440	503	500	556	524	574	570	596	648
United States	169.9	213.7	182.3	202.3	172.9	203.8	156.5	176.2	215.0	201.4	192.3	216.4	178.5	165.6	167.4	164.1	165.9	186.7	132.5	148.8	136.4	165.0	173.5	192.9	161.7	163.3	164.2	157.1	211.5	173.5	212.7	171.6	185.1	199.4	269.9	235.8	237.9

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